

EXHIBIT 137

Expert Report of Jeffrey Zelikson

September 23, 2020

IN THE UNITED STATES DISTRICT COURT
FOR THE SOUTHERN DISTRICT OF NEW YORK

OLIN CORPORATION

Plaintiff,

v.

LAMORAK INSURANCE COMPANY

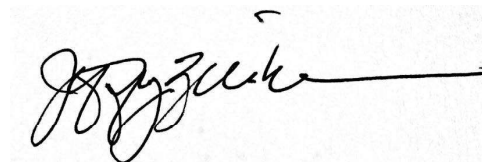
Defendant

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Case No. 01:84-cv-01968 (JSR)

EXPERT REPORT OF JEFFREY ZELIKSON

September 23, 2020



Jeffrey Zelikson
Senior Vice President
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I. Qualifications

I am a Senior Vice President with Nathan Associates Inc. (“Nathan”). Nathan provides analytic and expert services to businesses, government agencies, and law firms facing complex challenges arising from uncertainty, potential litigation, and other disputes. My consulting practice focuses on strategic and management consulting and expert assignments related to environmental matters, especially for matters related to management and remediation of hazardous substances.

Nathan and Gnarus Advisors LLC (“Gnarus”) merged consulting practices in 2017. Prior to joining Nathan’s predecessor, Gnarus, in February 2010, I was with LECG, LLC, a leading economics, finance, accounting, environmental, and health care consulting firm. Prior to that, I was with the environmental consulting practice of PA Consulting Group and its predecessor companies PHB Hagler Bailly and Putnam, Hayes & Bartlett, Inc. The environmental consulting practice of PA Consulting Group moved to LECG, LLC in April 2001.

Since 1995, I have been retained on many matters to provide expert evaluations and testimony regarding costs incurred by private entities in responding to, investigating, and/or remediating environmental conditions at hazardous waste sites around the country. My expert analysis and testimony has focused on consistency with the National Oil and Hazardous Substances Pollution Contingency Plan, 40 CFR Part 300 et seq. (“NCP”) and on matters related to the necessity, appropriateness, and reasonableness of environmental response costs and other related issues. Over the past 25 years, I have been retained to provide consulting services and expert testimony in many private party Superfund cost recovery actions for both plaintiffs and defendants, and I have also provided expert evaluations and testimony regarding costs incurred by policyholders of commercial general liability (“CGL”) policies in numerous environmental insurance recovery matters.

Prior to joining Putnam, Hayes & Bartlett, Inc. in 1995, I served the United States Environmental Protection Agency (“USEPA” or “EPA”) for 25 years. I held executive-level positions at USEPA regional offices in New York and San Francisco. I also served as the State of New Jersey’s chief water resource official in the 1970s. From 1987 through 1995, I was Director of the Hazardous Waste Management Division for USEPA’s Western Regional Office in San Francisco. Among other matters, my responsibilities included the direction of USEPA Region IX’s hazardous waste regulatory and site cleanup (Superfund) programs, and oversight of similar programs for the states of California, Arizona,

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Nevada, and Hawaii. While at the EPA, I was involved in the early development of the NCP in 1985 and 1990, and I have co-authored an article on issues related to the NCP.¹

I have extensive experience across a range of environmental matters, with a particular focus on the remediation of hazardous waste sites. I have over 40 years of experience in this environmental specialty, dating back to the discovery of the first hazardous waste sites in the United States in the late 1970s.

While Director of the Hazardous Waste Management Division for USEPA Region IX, I oversaw the investigation and cleanup of more than 125 Comprehensive Environmental Response, Compensation, and Liability Act ("CERCLA" or "Superfund") sites on the National Priorities List ("NPL"). For these sites, I was responsible for making hundreds of decisions that were governed by the NCP, and I was ultimately responsible for assuring that compliance with the NCP was achieved in investigating and cleaning up the Superfund sites under my direction. In addition, I was responsible for the oversight of other government agencies' efforts to remediate Superfund sites consistent with the requirements of the NCP. I also approved and/or signed numerous Records of Decisions ("ROD"), approved and/or signed numerous Administrative Orders on Consent ("AOC"), and approved and/or signed numerous Administrative Orders under the authority of Section 106(a) of CERCLA ("106 Order") for the 125 Superfund sites under my jurisdiction.

I received a Bachelor of Science degree in mechanical engineering from the City University of New York and completed graduate courses in mechanical engineering at the Stevens Institute of Technology. I am a registered professional engineer in New York and New Jersey. Before joining the USEPA in 1971, I designed petrochemical facilities for the foreign affiliates of the Exxon Corporation for five years.

A list of my prior expert testimony may be found in Appendix E of this report, and a complete copy of my curriculum vitae may be found in Appendix F of this report.

My fee for professional services is \$550 per hour.

¹ "CERCLA Quality Over CERCLA Quantity: The Sensible Path for Assessing NCP Consistency" Zelikson, Dahlquist and Fitzgibbons, 1997. See Appendix F.

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II. Assignment

Willkie Farr & Gallagher LLP, counsel for Olin Corporation (“Olin”), has asked me to evaluate and provide an expert opinion regarding the costs incurred and paid by Olin and General Dynamics Ordnance and Tactical Systems, Inc. (“GDOTS”)^{2,3} for certain environmental activities related to investigation of contamination and evaluation of remediation alternatives and other associated costs at the Additional and Uncharacterized Sites Operable Unit (the “AUS OU”) and Site 36 of the Miscellaneous OU (the “MISCA OU”) of the Sangamo Electric Dump / Crab Orchard National Wildlife Refuge Superfund Site (the “Crab Orchard Site” or “Site”), as reflected on the Excel spreadsheet Bates labeled 2020OLINCOS_0043940. In this report, those costs are collectively referred to as “the Olin and GDOTS Crab Orchard Costs.” More specifically, counsel has asked me to opine whether such costs for environmental investigation, engineering study, government oversight costs, the mediation, and other related activities were incurred and paid because of contamination released by Olin’s historical operations at the Crab Orchard Site, resulting in damage or potential damage to soils, surface water, groundwater, sediments, and/or the ecosystem. Counsel has also asked that I opine on whether those costs were reasonably incurred.

² Olin was a tenant in various industrial areas of the Site from 1956 through 1996, and had industrial explosives, aerospace, and ordnance operations there. In or around 1963, Olin’s industrial explosives operations were sold to Commercial Solvents Corporation. In 1996, Olin spun off its aerospace and ordnance divisions into a company named Primex Technologies, Inc. (“Primex”). In 2001, General Dynamics Corporation acquired Primex and changed its name to General Dynamics Ordnance & Tactical Systems, Inc.

See FWS. September 2001. Draft-Final Preliminary Assessment/Site Inspection Report, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County); Volume I. 2020OLINCOS_0038890 – 2020OLINCOS_0039109; at pages 8896 – 8903.

³ The Administrative Order on Consent for the Remedial Investigation/Feasibility Study for the Additional and Uncharacterized Operable Unit at the Crab Orchard Site acknowledges GDOTS as a successor in interest to Olin. I understand from counsel that Olin is seeking coverage of costs incurred and paid by Olin and/or GDOTS for the Crab Orchard Site from Lamorak Insurance Company, as reflected in the Excel spreadsheet Bates labeled 2020OLINCOS_0043940.

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III. Summary of Opinions

Opinion 1. Based on the cost documentation and other information that I have received and reviewed for the costs identified on the Excel spreadsheet Bates labeled 2020OLINCOS_0043940, Olin and GDOTS have incurred at least \$51.87 million in environmental investigation, engineering study, government oversight, legal, mediation, and other associated costs through May 2020 that relate to and were incurred and paid because of contamination released by Olin's historical operations at the Crab Orchard Site resulting in damage or potential damage to soils, surface water, groundwater, sediments, and/or the ecosystem.

Opinion 2. \$51.07 million in costs related to performance of the Remedial Investigation/Feasibility Study under the Administrative Order on Consent for the AUS OU and settlement under a consent decree for Site 36 of the MISCA OU were reasonably incurred.

Opinion 3. \$0.80 million are mediation-related costs, which are often incurred by Potentially Responsible Parties at multi-party Superfund sites like the Crab Orchard Site.

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IV. Methodology and Work Performed

My evaluation and opinions are based on my 40 years of experience in and related to the cleanup of hazardous waste sites across the United States, on the regulations, guidance and common professional practice governing such actions, and on the information provided to me in this matter. A contextual overview of the CERCLA remediation process is included in Appendix B-1 to this report for informational purposes.

In order to evaluate the actions taken, and whether the Olin and GDOTS Crab Orchard Costs (as reflected in the Excel Spreadsheet Bates labeled 2020OLINCOS_0043940) were incurred and paid because of contamination released by Olin's historical operations at the Crab Orchard Site, resulting in damage or potential damage to soils, surface water, groundwater, sediments, and/or the ecosystem, I applied a methodology that I have used in my expert analysis and reports over the past 25 years, and is consistent with common professional practice pertaining to such evaluations.

As applied here, that methodology is broadly defined in three steps:

1. Gather and compile information on the Olin and GDOTS Crab Orchard Costs;
2. Review and evaluate documentation related to the Olin and GDOTS Crab Orchard Costs to verify that they are costs incurred and paid because of contamination released by Olin's historical operations at the Crab Orchard Site resulting in damage or potential damage to soils surface water, groundwater, sediments, and/or the ecosystem ("Related Costs"); and
3. Determine whether the Related Costs identified in Step Two were reasonably incurred.

Step One

In forming my opinions in this matter, I reviewed and supervised my staff's review of numerous documents related to the activities at the Site. These included investigation reports, cleanup completion reports, correspondence between the potentially responsible parties ("PRPs") and the Agencies (defined as the USEPA, United States Department of the Interior or "USDOI", and Illinois Environmental Protection Agency or "IEPA"), regulatory agencies' guidance, progress reports, and other documents. All documents I reviewed for this report were either provided by counsel or obtained through my own independent searches of publicly available information and guidance.

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Using cost information provided to me by counsel, I directed my staff to assemble and compile an electronic database of past cost information related to the activities associated with the costs incurred at the Site. This cost information includes cost spreadsheets, vendor invoices, and associated transmittal correspondence covering a period from 2002 through 2020. A variety of information was collected in this database including the vendor name, invoice date, invoice number, invoice amount and description, task amounts and descriptions, proof of payment, and Bates reference numbers. If I am directed by counsel and am provided additional documents by counsel, I can supplement this database with additional costs as they are incurred and paid.

I then conducted a review of the invoice database, specifically the invoices supporting the amounts incurred and paid by Olin and GDOTS. My review included evaluation of individual invoices by timeframe and by vendor. I also examined monthly progress reports, deliverables, and other planning and design documents as well as agency comments.

I also interviewed Dave Trainor of Shannon & Wilson and Gil Dunn of NewFields, each of whom is an environmental consultant familiar with the Site, to obtain additional background information on Site environmental activities and costs.

A complete list of the documents considered in forming my opinions, including interview notes reflecting my conversations with Dave Trainor and Gil Dunn, is enclosed in Appendix D of this report.

Step Two

For step two, I determined which of the Olin and GDOTS Crab Orchard Costs were incurred and paid because of contamination released by Olin's historical operations at the Crab Orchard Site resulting in damage or potential damage to soils, surface water, groundwater, sediments, and/or the ecosystem ("Related Costs").

To determine if a cost is a Related Cost, I examined the AOC that GDOTS signed to perform the Remedial Investigation/Feasibility Study ("RI/FS") for the AUS OU, regulatory correspondence with agencies regarding the AOC, environmental reports, progress reports, invoices, and other documents. In doing so, I considered the framework under which the RI/FS response and associated support activities were performed under the AOC, and the processes and procedures in place to define the scope of the work to be performed. This includes the role of the Agencies in overseeing the work

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performed by the PRPs, commenting on the deliverables, and directly performing elements of the RI/FS.

The legal costs associated with the implementation of the RI/FS are also evaluated in this report, as are settlement costs between GDOTS and the United States under the AOC.

I also reviewed documents pertaining to the mediation among PRPs for the AUS OU, and the Consent Decree and related litigation filings for Site 36 of the MISCA OU.

Step Three

Finally, I evaluated whether the Related Costs were reasonably incurred.

With respect to GDOTS' costs for the AUS OU, my evaluation of the reasonableness of the incurred costs is based on both qualitative and quantitative elements.

Qualitatively, I evaluated the documents and processes controlling the scope of the RI/FS, such as the AOC. As mentioned above, I also interviewed Dave Trainor of Shannon & Wilson and Gil Dunn of NewFields, each of whom is an environmental consultant with direct knowledge of the RI/FS activities conducted at the Site. In addition, I and my staff received and reviewed documents prepared by and/or received by Olin and GDOTS, and reviewed deposition transcripts, including those of David Share (Vice President of Environmental Remediation for Olin) and William Duffin (former Senior Director of Environmental Health and Safety for GDOTS), which described Olin's and GDOTS' management of Crab Orchard-related activities to evaluate the cost control measures employed by Olin and GDOTS during the project.

For a quantitative analysis, my staff and I utilized the documentation described above to compare the costs to applicable benchmarks obtained from publicly available sources of cost information for similar response activities at other sites. A detailed discussion of this methodology may be found in Section VII of this report. I have utilized this general approach in numerous matters in which I have provided opinions over the past 25 years.

In addition, I reviewed the amount paid by GDOTS pursuant to a Consent Decree and settlement agreement for Site 36, and Olin-incurred costs related to the mediation among PRPs for the AUS OU.

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My opinions are based on the methodology described above, my review of the information described in this report, and my more than 40 years of experience in matters related to the investigation and remediation of hazardous waste sites.

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V. Additional Work to Be Performed

I expect to prepare for and attend a deposition in this matter and, based on direction from counsel, I may be asked to evaluate expert reports from other experts and prepare supplemental and/or rebuttal expert reports.

I also expect to prepare for and provide trial testimony in this matter.

My opinions are based on information reviewed as of September 23, 2020.

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VI. Site Response and Regulatory History

Site Overview

The Sangamo Electric Dump / Crab Orchard National Wildlife Refuge Superfund Site (the “Crab Orchard Site” or “Site”) is in southern Illinois near the towns of Marion, Carterville, and Carbondale. The Crab Orchard National Wildlife Refuge consists of 43,500 acres of land (roughly three times the size of Manhattan), operated by the United States Fish and Wildlife Service (“FWS”), a bureau of USDOL. Currently, the refuge is used for a combination of recreational, agricultural, and industrial purposes, with the industrial operations (both current and historical) concentrated on the eastern half of the refuge.⁴

Historically, the Site was used in the early 1940s by the United States Department of Defense as part of the World War II effort for the manufacturing of bombs, land mines, and explosives. After the end of the war, the USDOL continued to lease the former wartime industry buildings to industrial tenants. Industrial operations by a variety of tenants have included ammunition and explosives, metal fabrication, plating, and miscellaneous manufacturing. Over the years, these tenants disposed of their waste at several areas within the refuge.⁵ The “peak industrial years” were in the 1950s, 1960s, and 1970s.⁶

The initial assessment and investigation of the Site, which was compiled into a Preliminary Assessment/Site Investigation (“PA/SI”) report, identified 14 separate areas of historical ordnance plant activities spread across the Site, with over 200 tenants that have operated manufacturing and/or storage facilities. The PA/SI contains a list of the historical operations (and operators) at each area and

⁴ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at page 1242.

⁵ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at page 1242.

⁶ See FWS. September 2001. Draft-Final PA/SI Report, AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County); Volume I. 2020OLINCOS_0038890 – 2020OLINCOS_0039109; at pages 8891 – 8892.

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the tenants present at the Site as of March 2001.⁷ Olin is identified as one of the tenants who had industrial operations at the Crab Orchard Site.⁸

Early Site Investigation and Development of Operable Units

Due to the discovery of polychlorinated biphenyls (“PCBs”), lead, and cadmium contamination at the Site in the late 1970s and early 1980s and the potential threat such contamination posed to human health and the environment, USEPA listed the Site on the NPL in July 1987.⁹ A site-wide RI/FS was completed in 1988 across 33 study sites.¹⁰ In 1991, four regulatory agencies – USDO, USEPA, IEPA, and United States Department of the Army (“DA”) – signed a Federal Facility Agreement (“FFA”) to establish a framework and schedule for developing, implementing, and monitoring response actions throughout the Site.^{11,12}

After the 1988 RI/FS, the Site was divided into Operable Units (“OUs”) for the purposes of further investigation and remediation, as follows:¹³

Operable Unit 1 (the “Metals OU”) was established for the investigation and remediation of three study sites with metals contamination. USEPA issued a ROD for the Metals OU in March 1990, and FWS

⁷ See FWS. September 2001. Draft-Final PA/SI Report, AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County); Volume I. 2020OLINCOS_0038890 – 2020OLINCOS_0039109; at pages 8985 – 8986, 8996 – 9000.

⁸ See FWS. September 2001. Draft-Final PA/SI Report, AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County); Volume I. 2020OLINCOS_0038890 – 2020OLINCOS_0039109; at pages 8895 – 8921, 8985 – 8986, 8996.

⁹ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at page 1242.

¹⁰ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at pages 1242 – 1243.

¹¹ See USEPA Region V and the IEPA and the USDO and the DA. September 13, 1991. Federal Facility Agreement Under CERCLA Section 120, In the Matter of: The USDO’s Crab Orchard National Wildlife Refuge. 2020OLINCOS_0039430 – 2020OLINCOS_0039525; at pages 9447 – 9450.

¹² See FWS, USDO, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at page 3299.

¹³ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at page 1243.

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implemented the selected remedy (excavation and on-site disposal of contaminated soil and sediments) in 1995 and 1996.¹⁴

Operable Unit 2 (the “PCB OU”) was established for the investigation and remediation of four study sites with PCB contamination. USEPA signed a ROD for the PCB OU in August 1990, and, pursuant to a 1991 consent decree signed by PRP Schlumberger Industries, Inc. (“Schlumberger”), USEPA, and USDOl, Schlumberger implemented the selected remedy (excavation and on-site disposal of contaminated soil and sediments) beginning in late 1995.¹⁵ There have been several modifications to the selected remedy, including an Explanation of Significant Differences (“ESD”) in June 2000, a ROD Amendment in August 2007, and a second ROD Amendment in August 2014.¹⁶

Operable Unit 3 (the Explosives/Munitions Manufacturing Areas or “EMMA OU”) was established for the investigation and remediation of 15 study sites that were physically associated with former explosives/munitions manufacturing and disposal sites.¹⁷ USEPA and DA signed a ROD for the EMMA OU in February 1997, and DA implemented the selected remedy (cleanup at two sites and no further action at the other 12 sites) in 2000 and 2001. For the remaining site of the EMMA OU, the DA signed an ESD in January 2000, in which it found that no further action was required for that site.¹⁸

Operable Unit 4 (the Miscellaneous Areas or “MISCA OU”) was established for the investigation and remediation of 20 study sites that were identified in the 1988 RI/FS. For Site 14, USEPA and USDOl signed a ROD in October 2001, and under the terms of a Unilateral Administrative Order (“UAO”) issued by USEPA in August 2001, PRP Illinois Tool Works, Inc. (“ITW”) implemented the selected remedy (excavation and off-site disposal of contaminated soil) between December 2006 and May 2007. For the remaining 19 sites of the MISCA OU, including Site 36, the former wastewater treatment plant,

¹⁴ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at pages 1243 – 1248.

¹⁵ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at pages 1243, 1248 – 1260.

¹⁶ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at page 1253.

¹⁷ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at pages 1243, 1260.

¹⁸ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at page 1260.

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USEPA and USDOJ signed a ROD in September 2002. FWS implemented the selected remedy in 2005 and 2006 (demolition of the Site 36 wastewater treatment plant and no further action for the other sites).¹⁹ Those remedial actions for Site 36 were funded through USDOJ's Central Hazardous Materials Fund, and by 2014, USDOJ and EPA incurred over \$9 million in costs, collectively.²⁰

Operable Unit 5 (the "Water Towers OU") was established for the investigation and remediation of three water towers and surrounding debris and soil, as well as the refuge visitors center. FWS removed contaminated soils at the water towers and visitors center in 1993 as an early action.²¹

Operable Unit 6 (the Additional and Uncharacterized Sites or "AUS OU") was designated as an OU in 1997 to investigate the large number of remaining uncharacterized areas at the Site that were not previously investigated in the 1988 RI and subsequent studies.²² The large majority of this expert report focuses on the environmental investigation, remediation, and response actions taken to date for the AUS OU and will be further discussed in subsequent sections of this report.

Operable Unit 7 (the "Lake OU") was designated an OU in 1997 to determine whether Crab Orchard Lake was affected by past waste disposal practices, and whether any further action was necessary. Between 1999 and 2000, FWS conducted a preliminary screening analysis at the Lake OU. Based on this analysis, portions of the Lake OU were transferred to the AUS OU for inclusion in the then-forthcoming RI/FS; the remainder of the Lake OU was designated as no further action.²³

¹⁹ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at pages 1243, 1261 – 1264.

²⁰ See United States District Court for the Southern District of Illinois. April 1, 2014. Consent Decree, Case No. 3:11-cv-00399 JPG/DGW. GD-OTS_OLIN_LITIG_00321190 – GD-OTS_OLIN_LITIG_00321235; at page 1193.

²¹ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at pages 1264 – 1265.

²² See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at page 1243.

²³ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at pages 1243, 1266.

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Investigation of the AUS OU

When the AUS OU was established in 1997, the FWS identified 83 subsites consolidated into 39 study areas.²⁴ URS (consultants on behalf of FWS) conducted a PA/SI to examine the 83 subsites, and make a recommendation as to whether any further action was needed, either through a remedial investigation (“RI”) or early (removal) action if imminent threats were identified.²⁵ In conducting the PA/SI, URS gathered significant information regarding tenants’ involvement with the Site by conducting site visits, searching for records, and interviewing former industrial tenants’ employees.²⁶ Specifically with respect to Olin, URS and/or governmental agencies reviewed leases involving Olin and its successor-in-interest, Primex Technologies, Inc. (“Primex”); reviewed Olin’s CERCLA Section 104(e) responses and documents, and other records relating to Olin’s historical waste disposal practices at various AUS OU locations; interviewed former Olin employees; and examined historical aerial overflight photos.²⁷ In September 1999, URS issued a Draft Historic Search Report for the AUS OU, which evaluated available information on the history and nature of industrial activity and historical waste disposal.²⁸ The historical information contained in this report was ultimately integrated into the draft final 2001 PA/SI Report.²⁹

The PA revealed that rather than 83 separate and distinct subsites, the AUS OU could be grouped into 14 industrial areas (referred to as Areas 1 through 14) based on historical operations. Ultimately, the

²⁴ See USEPA. June 30, 2016. Fifth Five-Year Review Report for Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois. 2020OLINCOS_0001228 – 2020OLINCOS_0001673; at page 1243.

²⁵ See FWS. September 2001. Draft-Final PA/SI Report, AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County); Volume I. 2020OLINCOS_0038890 – 2020OLINCOS_0039109; at page 8891.

²⁶ See FWS. September 1999. Draft Historic Search Report, AUS, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County). Lamorak2017 00081778 – Lamorak2017 00082109; at pages 1804 – 1805.

²⁷ See USDOJ. April 13, 2001. Letter from M. Chesslin to C. Merrill re: Crab Orchard National Wildlife Refuge NPL Site – AUS OU. Lamorak2017 00037498 – Lamorak2017 00037508.

²⁸ See FWS. September 1999. Draft Historic Search Report, AUS, Crab Orchard National Wildlife Refuge Superfund Site, Marion, Illinois (Williamson County). Lamorak2017 00081778 – Lamorak2017 00082109; at pages 1788, 1799.

²⁹ Note that the final version of the PA/SI report dated June 2003 is identical to the draft final version dated September 2001.

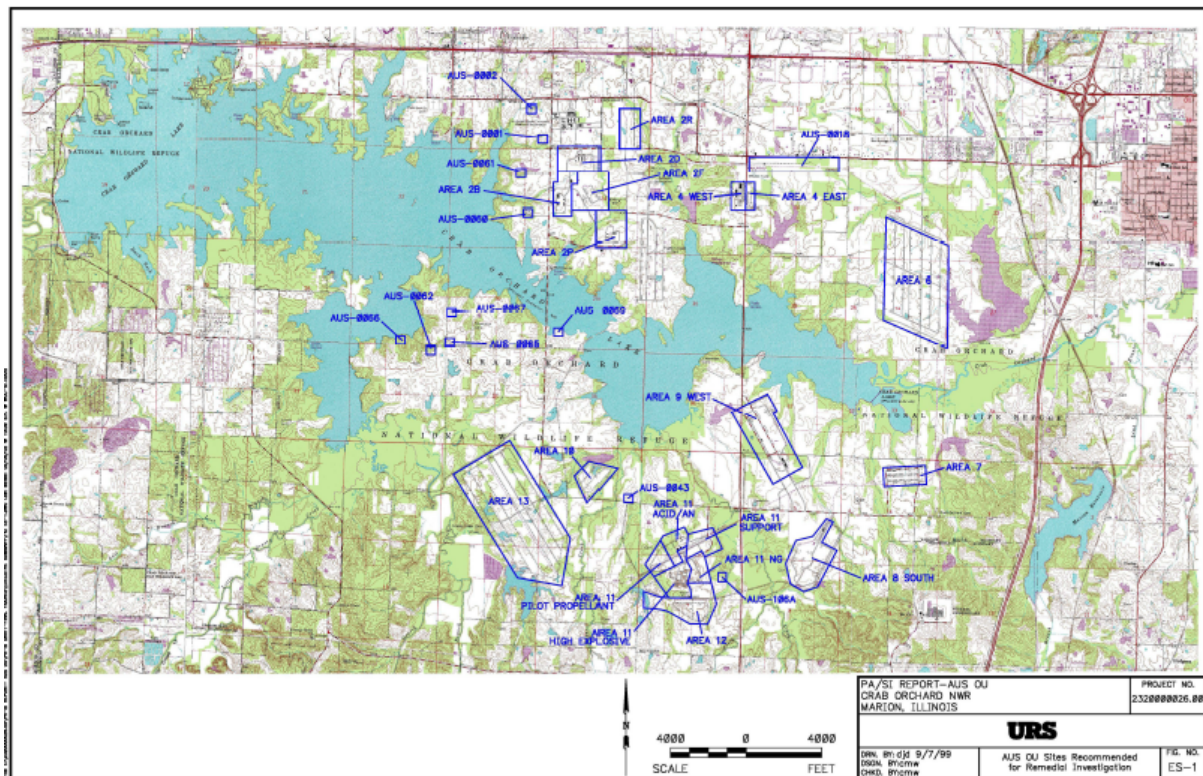
See FWS. July 7, 2003. Letter from L. Moore to N. Gowda et al. re: Final PA/SI Report, AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois. 2020OLINCOS_0046646 – 2020OLINCOS_0046662; at pages 6646, 6649.

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PA recommended that 24 of the 83 subsites warranted no further action. Of the remaining 59 subsites, several were consolidated into larger industrial areas, resulting in the redefinition of 39 subsites to be carried forward into the SI.³⁰

The SI involved sampling in each of the 39 subsites, plus additional subsites that were identified and added after field work began. Based on this sampling, URS recommended that several subsites did not require further action, and several other subsites were redefined. Ultimately, 31 subsites were recommended to be included in the RI,³¹ as shown in the following figure:³²



³⁰ See FWS. September 2001. Draft-Final PA/SI Report, AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County); Volume I. 2020OLINCOS_0038890 – 2020OLINCOS_0039109; at pages 8892 – 8893.

³¹ See FWS. September 2001. Draft-Final PA/SI Report, AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County); Volume I. 2020OLINCOS_0038890 – 2020OLINCOS_0039109; at pages 8893 – 8895.

³² See FWS. September 2001. Draft-Final PA/SI Report, AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County); Volume I. 2020OLINCOS_0038890 – 2020OLINCOS_0039109; at page 8939.

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Following the completion of the PA/SI, the U.S. Department of Justice (“USDOJ”) Environmental and Natural Resources Division sent a letter to Olin’s and Primex’s counsel regarding the AUS OU, in which they provided their understanding of Olin’s and Primex’s/GDOTS’ tenancies in the various AUS OU areas. In that letter, USDOJ stated that it had a “significant amount of information which goes to Olin’s liability for historical waste disposal practices in the various AUS OU locations,” and encouraged Olin to perform the “next phase of CERCLA activity at the AUS” – the RI under an AOC.³³

Later, in March 2002, USEPA sent GDOTS, formerly Primex and a successor in interest to Olin, a Special Notice Letter pursuant to Section 122(e) of CERCLA. In that letter, USEPA stated that it “and DOI have information indicating Olin/GDO&TS is a Potentially Responsible Party (PRP) as defined at Section 107(a) of CERCLA with respect to the AUS OU,” encouraged “Olin/GDO&TS” to agree to perform an RI/FS for the AUS OU, and issued a formal demand for reimbursement of USEPA and USDOJ costs that had been incurred to date in response to the health and environmental concerns at the AUS OU.³⁴ In response to the Special Notice Letter, GDOTS made a good faith offer to conduct the RI/FS for the AUS OU, and corresponded with agencies, including FWS, to discuss the scope of the RI/FS and other PRPs.³⁵ Ultimately, in December 2002, GDOTS entered into an AOC with the Agencies to perform a RI/FS for the AUS OU.³⁶ The AOC was issued under CERCLA authority,³⁷ and identifies the areas within the AUS OU at which Olin, as a predecessor in interest to GDOTS, had industrial operations that caused releases of hazardous substances.³⁸

The objectives of the RI/FS were to identify and characterize all contamination that could pose unacceptable risks to human health and the environment (the RI), and to develop and evaluate

³³ See USDOJ. April 13, 2001. Letter from M. Chesslin to C. Merrill re: Crab Orchard National Wildlife Refuge NPL Site – AUS OU. Lamorak2017 00037498 – Lamorak2017 00037508; at pages 7498 – 7499.

³⁴ See USEPA. March 29, 2002. Letter from J. Mayka et al. to E. Lynn Grayson et al. re: Crab Orchard National Wildlife Refuge NPL Site, AUS OU, Special Notice Letter for RI/FS. 2020OLINCOS_0056618 – 2020OLINCOS_0056699; at pages 6618 – 6622.

³⁵ See Jenner & Block. May 28, 2002. Letter from E. Lynn Grayson to M. Chesslin re: Good Faith Offer of GDOTS to Conduct RI/FS at Crab Orchard. 2020OLINCOS_0049845 – 2020OLINCOS_0049850.

³⁶ See FWS, USDOJ, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at page 3293.

³⁷ See FWS, USDOJ, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3295 – 3297.

³⁸ See FWS, USDOJ, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3297 – 3305.

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remedial alternatives to address that risk (the FS) for all 31 subsites then-identified by the PA/SI.³⁹ At the AUS OU, this objective was broadened by the vast setting: thousands of acres within a national wildlife refuge. Thus, a key objective of the AUS RI/FS was to examine how contamination had migrated or had the potential to migrate throughout the refuge.⁴⁰

Prior to initiation of the RI, a 32nd subsite was added (Area 3),⁴¹ bringing the total area under evaluation to approximately 2,500 acres spread over 11 of the 14 historical industrial areas.⁴²

During drafting of the RI/FS Work Plan, disagreements arose between GDOTS and the Agencies concerning, among other issues the scope of the RI/FS. As a result, in December 2003 GDOTS initiated a dispute under the AOC provisions regarding Agency comments on the draft work plan.⁴³ This dispute was resolved in February 2005,⁴⁴ and the RI/FS Work Plan was finalized and approved in April 2006.⁴⁵

Phase I of the RI was conducted between June 2006 and December 2007 and was subdivided into two stages. The foundation of the Phase I scope was the historical analyses and preliminary results discussed in the PA/SI.⁴⁶ Phase I involved extensive sampling of media throughout the OU; samples were tested for a wide variety of analytes, including some or all of the following: ammonia, cyanide,

³⁹ See FWS, USDOJ, USEPA Region 5, and IEPA. December 31, 2002. Statement of Work for RI/FS at the Crab Orchard National Wildlife Refuge NPL Site, AUS OU. Attachment to AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3303, 3361 – 3364.

⁴⁰ See FWS, USDOJ, USEPA Region 5, and IEPA. December 31, 2002. Statement of Work for RI/FS at the Crab Orchard National Wildlife Refuge NPL Site, AUS OU. Attachment to AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3375 – 3376.

⁴¹ See Shannon & Wilson, Inc. February 2015. RI Report, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0003920 – 2020OLINCOS_0004609; at page 3969.

⁴² See Shannon & Wilson, Inc. February 2015. RI Report, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0003920 – 2020OLINCOS_0004609; at page 3969.

⁴³ See Jenner & Block. December 22, 2003. Letter from E. Lynn Grayson et al. to L. Moore et al. re: GDOTS's Invocation of Dispute Resolution Under the AOC. 2020OLINCOS_0045571 – 2020OLINCOS_0045649; at page 5571.

⁴⁴ See USEPA. February 28, 2005. Letter from R. Karl to E. Lynn Grayson et al. re: Final Determination of the Director, Superfund Division, in Response to GDOTS Request for Review of the FWS Determination concerning the Crab Orchard National Wildlife Refuge, AUS OU. 2020OLINCOS_0043601 – 2020OLINCOS_0043625; at page 3625.

⁴⁵ See NewFields. April 14, 2006. Final RI/FS Work Plan and Associated Documents, Crab Orchard National Wildlife Refuge, Marion, Illinois, AUS. Volume 1. Lamorak2017 00094467 – Lamorak2017 00095246; at pages 4486 – 4488.

⁴⁶ See Shannon & Wilson, Inc. February 2015. RI Report, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0003920 – 2020OLINCOS_0004609; at page 3961.

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dioxins, explosives, metals, nitrate, perchlorate, pesticides/herbicides, PCBs, polycyclic aromatic hydrocarbons, semi-volatile organic compounds, sulfate, total dissolved solids, total suspended solids, and volatile organic compounds.⁴⁷

After the completion of Phase I, FWS developed a list of data gaps based on its draft Baseline Human Health Risk Assessment (“HHRA”) and Baseline Ecological Risk Assessment (“BERA”). Phase II of the RI was designed to sample soil, sediment, and surface water, and install and sample additional groundwater monitoring wells. The objectives were to obtain sufficient data to complete the conceptual site model, complete the individual HHRA and BERAs, and gather data on unexploded ordnance (“UXO”).⁴⁸

The main Phase II program was conducted from February 2009 through December 2009, with additional field work conducted through 2012.⁴⁹ This additional field work included an investigation for asbestos and munitions of explosives concern (“MEC”) in 2012 (at AUS 0069 or “Site 69”), and a supplemental investigation was conducted in 2014 to resolve several remaining data needs identified by FWS at a select group of the 32 AUS sites.⁵⁰

GDOTS, through its consultant, NewFields,⁵¹ drafted the RI report in 2010. Thereafter and in addition to ordering additional field work after 2010, FWS worked on completing the BERA and HHRA—two components of the RI report—and the Agencies provided comments on GDOTS’ draft RI reports.⁵² The

⁴⁷ See NewFields. August 2009. Preliminary Site Characterization Summary Report. Phase I RI, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0048311 – 2020OLINCOS_0048506; at pages 8328, 8332 – 8339.

⁴⁸ See NewFields. January 2009. RI/FS, Phase II Work Plan (Volume 1 of 2). Addendum to the RI/FS Work Plan and Associated Documents, Crab Orchard National Wildlife Refuge, Marion, Illinois, AUS. Lamorak2017 00097780 – Lamorak2017 00098645; at pages 7788 – 7789, 7794.

⁴⁹ See Shannon & Wilson, Inc. February 2015. Remedial Investigation Report, Remedial Investigation, Additional and Uncharacterized Sites Operable Unit, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0003920 – 2020OLINCOS_0004609; at pages 3963 – 3966.

⁵⁰ See Shannon & Wilson, Inc. February 2015. RI Addendum Report, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0002038 – 2020OLINCOS_0002096; at page 2050.

⁵¹ NewFields served as GDOTS’ primary environmental consultant for the RI/FS at the AUS OU from 2002 to 2013. In 2013, certain then-NewFields employees joined Shannon & Wilson. Thereafter and to this day, Shannon & Wilson serves as GDOTS’ primary environmental consultant for the RI/FS at the AUS OU.

⁵² See, for example, FWS. November 2010. AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Monthly Progress Report, November 1 Through November 30, 2010. 2020OLINCOS_0069141.

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Agencies also ordered additional field work for an addendum report in 2014.⁵³ After undergoing four comprehensive revisions with the Agencies,⁵⁴ GDOTS finalized the RI report and RI Addendum report in early 2015, which FWS approved on February 13, 2015.⁵⁵

In total, more than 10,000 samples have been collected at the AUS OU, including surface water, sediment, soil, groundwater, and vapor, as well as targeted investigations into abandoned sewer line deposits, drum contents, and asbestos bulk samples. More than 500 groundwater wells were installed during the RI.⁵⁶

The total number of sampling locations between the PA/SI and both phases of the RI were as follows:

- 431 surface water sampling locations
- 482 sediment or soil/sediment sampling locations
- 2,855 soil sampling locations
- 499 groundwater sampling locations
- 32 vapor or air sampling locations
- 38 other sampling locations (trench water, sewer line, drum contents, or bulk asbestos)⁵⁷

Area 7 Pesticides Removal Action

During Phase I of the RI, FWS conducted a removal site evaluation to determine whether pesticide contamination in Area 7 of the AUS OU should be the subject of an early action. Based on this evaluation, in April 2008 the pesticide contamination in Area 7 was segregated from the remainder of

⁵³ See Shannon & Wilson, Inc. February 2015. RI Addendum Report, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0002038 – 2020OLINCOS_0002096; at page 2050.

⁵⁴ See USDOT. March 19, 2015. Letter from M. Coffey to V. Doss. 2020OLINCOS_0050042 – 2020OLINCOS_0050044; at page 0043.

⁵⁵ See USDOT. February 13, 2015. Letter from M. Coffey to D. Trainor re: Approval of the RI for the AUS OU at the Sangamo Electric Dump / Crab Orchard National Wildlife Refuge National Priorities List Site, Marion, Illinois. 2020OLINCOS_0054174.

⁵⁶ See Shannon & Wilson, Inc. December 2019. Draft FS, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. GD-OTS_OLIN_LITIG_01396386 – GD-OTS_OLIN_LITIG_01396890; at page 6416.

⁵⁷ See Shannon & Wilson, Inc. February 2015. RI Report, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. Table 1. GD-OTS_OLIN_LITIG_01111935 – GD-OTS_OLIN_LITIG_01111947; at page 1935.

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the AUS RI/FS and moved into the removal action process.^{58,59} An Engineering Evaluation/Cost Analysis (“EE/CA”) was issued for the Area 7 Pesticide Area in January 2018 by consultants for PRP Great Lakes Synergy Corporation. The preferred alternative in the EE/CA was for removal and disposal of impacted soils.⁶⁰ The pesticide removal action was not performed by GDOTS or Olin, nor did they incur costs for that action; therefore, the Area 7 removal action is not further discussed in this report.

Development of the AUS OU FS

Development of the FS began in 2015 following completion and approval of the RI. Technical memoranda developed to support the FS included the Remedial Action Objectives (“RAO”) Memorandum in July 2015, the Preliminary Screening of Alternatives Memorandum in February 2016, and the Comparative Analysis of Alternatives Memorandum in March 2017.⁶¹ Drafts of the FS were prepared in 2019 and 2020 and, as of the date of this report, a revised full draft FS is anticipated to be completed and provided to the Agencies in late 2020.⁶²

As of the December 2019 FS draft, of the 32 subsites identified in the RI for further evaluation, 21 were identified in the FS as requiring evaluation of remedies. At those 21 subsites, 66 separate remedy areas were targeted for evaluations.⁶³ In some instances, remedy areas were designed to address specific media (*i.e.*, soil, sediment, or groundwater); in other instances, remedy areas were designed to address separate and discrete contaminant issues (*i.e.*, distinct groundwater plumes).

⁵⁸ See Shannon & Wilson, Inc. February 2015. RI Report, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0003920 – 2020OLINCOS_0004609; at page 4399.

⁵⁹ See TRC Environmental Corporation. January 2018. EE/CA, Area 7 Pesticide Area of the AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County). 2020OLINCOS_0044046 – 2020OLINCOS_0044334; at page 4062.

⁶⁰ See TRC Environmental Corporation. January 2018. EE/CA, Area 7 Pesticide Area of the AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County). 2020OLINCOS_0044046 – 2020OLINCOS_0044334; at page 4053.

⁶¹ See Shannon & Wilson, Inc. December 2019. Draft FS, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. GD-OTS_OLIN_LITIG_01396386 – GD-OTS_OLIN_LITIG_01396890; at page 6417.

⁶² See USDOJ. August 6, 2020. Letter from K. Childe to E. Mills. GD-OTS_OLIN_LITIG_01397694 – GD-OTS_OLIN_LITIG_01397696.

⁶³ See Shannon & Wilson, Inc. December 2019. Draft FS, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. GD-OTS_OLIN_LITIG_01396386 – GD-OTS_OLIN_LITIG_01396890; at pages 6513, 6552.

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In total, and according to the December 2019 FS draft, the FS addressed contaminant issues in the following media:

- 11 acres of solids (soil, sediment, and waste residuals) with a cumulative volume of 13,400 cubic yards;
- 31 distinct groundwater plumes over 87 acres, addressing numerous contaminants including trichloroethylene ("TCE"), tetrachloroethylene ("PCE"), 1,4-dioxane, explosives, perchlorate, nitrate, and sulfate (in some cases co-mingled), and with an estimated total plume volume of 3.9 million cubic yards; and
- One indoor air remedy area with a rough estimate of 135,000 cubic feet of air.⁶⁴

The information contained in my report regarding the FS is as of the December 2019 draft FS report. I understand that GDOTS and the Agencies are continuing to discuss the scope of the FS, and I reserve the right to supplement my opinion if another draft or final version of the FS report is provided to me and/or if I learn additional information.

⁶⁴ See Shannon & Wilson, Inc. December 2019. Draft FS, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. GD-OTS_OLIN_LITIG_01396386 – GD-OTS_OLIN_LITIG_01396890; at pages 6514 – 6516.

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VII. Basis for Opinions

Opinion 1

Based on the cost documentation and other information that I have received and reviewed for the costs identified on the Excel spreadsheet Bates labeled 2020OLINCOS_0043940, Olin and GDOTS have incurred at least \$51.87 million in environmental investigation, engineering study, government oversight, legal, mediation, and other associated costs through May 2020 that relate to and were incurred and paid because of contamination released by Olin's historical operations at the Crab Orchard Site resulting in damage or potential damage to soils, surface water, groundwater, sediments, and/or the ecosystem.

My staff and I performed several tasks to identify, review, and evaluate the costs incurred by Olin and GDOTS. As previously described, I obtained from counsel cost documentation, including copies of invoices and proof of payment, and prepared a database of invoice information.

Tabulation of Costs Incurred by Olin and GDOTS

To facilitate my evaluation of the Olin and GDOTS Crab Orchard Costs, I first separated costs into categories based on the vendor and type of work that was performed. As is shown in the table below, the costs include the following:

- GDOTS retained consultants to perform and support the AUS RI/FS. These costs are hereafter referred to as "AUS Consultant Costs".
- Various governmental agencies billed GDOTS for costs to 1) enter into orders to enforce investigation of the AUS OU; 2) perform certain components of the RI/FS such as the HHRA and BERA; 3) oversee work conducted by GDOTS and its consultants; and 4) enter into a settlement under the AOC. These costs are hereafter referred to as "Regulatory Agency Costs".
- GDOTS retained Jenner & Block LLP to provide legal services and advice relating to the AUS RI/FS. These costs are hereafter referred to as "Legal Costs".
- Olin retained the law firm Polsinelli PC, and environmental consultant NewFields, for the mediation between PRPs for the AUS OU. NewFields also provided Olin technical assistance related to the mediation. Olin also incurred additional charges related to the mediation (e.g.,

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a fee to compensate the mediator, and expenses for Curt Richards to attend the mediation). These costs are hereafter referred to as “Mediation-Related Costs”.

- GDOTS paid a settlement amount for Site 36 of the MISCA OU. That cost is hereafter referred to as “Site 36 Cost”.

TABLE 1
Summary of Invoiced and Paid Costs¹

Category	Vendor	Invoiced Amount	Paid Amount
AUS Consultant Costs	NewFields (RI/FS)	\$ 6,898,285	\$ 6,849,683
AUS Consultant Costs	Cardno ENTRIX	\$ 6,674,272	\$ 6,674,271
AUS Consultant Costs	Shannon & Wilson	\$ 5,779,864	\$ 5,779,441
AUS Consultant Costs	Conestoga-Rovers & Associates	\$ 4,542,493	\$ 4,434,705
AUS Consultant Costs	USA Environmental, Inc.	\$ 836,000	\$ 835,149
AUS Consultant Costs	ELM Consulting LLC	\$ 723,501	\$ 723,491
AUS Consultant Costs	SunTrust	\$ 116,967	\$ 116,967
AUS Consultant Costs	Intesa Sanpaolo S.p.A.	\$ 75,151	\$ 75,151
AUS Consultant Costs	Menzie-Cura & Associates, Inc.	\$ 33,153	\$ 33,153
AUS Consultant Costs	US Bank	\$ 31,475	\$ 31,475
AUS Consultant Costs	Gnarus Advisors, LLC	\$ 19,435	\$ 18,822
AUS Consultant Costs	LECG LLC	\$ 17,950	\$ 17,950
AUS Consultant Costs	SCS Engineers	\$ 14,099	\$ 14,099
Subtotal		\$ 25,762,645	\$ 25,604,356
Regulatory Agency Costs	U.S. Department of the Interior	\$ 21,386,097	\$ 20,900,455
Regulatory Agency Costs	U.S. Environmental Protection Agency	\$ 1,783,740	\$ 1,783,740
Subtotal		\$ 23,169,837	\$ 22,684,195
Legal Costs	Jenner & Block	\$ 6,400,787	\$ 1,997,237
Subtotal		\$ 6,400,787	\$ 1,997,237
Mediation-Related Costs	Polsinelli PC	\$ 818,572	\$ 817,548
Mediation-Related Costs	NewFields (Mediation)	\$ 55,046	\$ 55,046
Mediation-Related Costs	ERG - Project Management	\$ 32,496	\$ 32,496
Mediation-Related Costs	Latham & Watkins LLP	\$ 10,000	\$ 10,000
Mediation-Related Costs	ERG - Travel	\$ 3,086	\$ 3,086
Mediation-Related Costs	CM Richards	\$ 1,883	\$ 1,883
Subtotal		\$ 921,084	\$ 920,060
Site 36 Cost	Citibank (Escrow Agent)	\$ 1,614,813	\$ 1,614,813
Subtotal		\$ 1,614,813	\$ 1,614,813
TOTAL		\$ 57,869,166	\$ 52,820,661

Notes:

1. The Invoiced Amount for Jenner & Block includes approximately \$1.997 million in fees, with the remaining amount for expenses. The expenses include Outside Professional Services paid by Jenner & Block for certain AUS Consultant Costs. The AUS Consultant Costs for each vendor reflect costs invoiced and paid either directly or through Jenner & Block. While the Jenner & Block Invoiced Amount reflects the total billed amount (fees and expenses), the Paid Amount only includes the amount paid for legal fees and non-Outside Professional Services expenses to avoid any double counting since any billed Outside Professional Services were captured in the Paid Amount for certain vendors in the AUS Consultant Costs.

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I began my analysis with the listing of invoices provided in 2020OLINCOS_0043940. For each category of costs, my staff and I reviewed the invoices and their associated documentation to determine the invoice amount, each of the activities performed, whether the activities were Related Costs, and whether the invoice was paid. I supplemented this review with other information sources, including the description of activities provided on the invoices themselves, description of activities in monthly progress reports, a comparison of the timeframe of the incurred cost and documented activities, and the type of work conducted by particular contractors or vendors at specific points in time.

Evaluation of Costs Directly Related to AUS RI/FS

As described above, GDOTS signed the AOC under which they became liable under CERCLA to perform the RI/FS for all 32 subsites of the AUS OU.⁶⁵ Therefore, all costs that GDOTS incurred and paid in performing the RI/FS for the AUS OU are Related Costs (*i.e.*, relate to contamination released by Olin's historical operations at the Crab Orchard Site that resulted in damage or potential damage to soils, surface water, groundwater, sediments, and/or the ecosystem).

There were three categories of costs incurred by GDOTS that directly related to the performance of the AUS RI/FS – contractor costs, regulatory agency costs, and legal costs.

AUS Contractor Costs incurred by GDOTS totaled \$25.60 million. Of that amount, I determined that at least \$25.52 million were Related Costs and specifically incurred by vendors to develop, perform, and support the RI/FS.

NewFields, Cardno ENTRIX (including ENTRIX, Inc., and ELM Consulting LLC), Shannon & Wilson, and Conestoga-Rovers & Associates were vendors directly responsible for developing components of the RI/FS on behalf of GDOTS as described below:

- Cardno ENTRIX and predecessors ENTRIX, Inc., and ELM Consulting (\$7,397,762): Lab support and related quality assurance and quality control ("QA/QC") activities and ecological impact assessment

⁶⁵ As discussed in Appendix B-1, parties held liable under CERCLA for toxic waste disposal are subject to strict, retroactive, and joint and several liability. The joint and several liability provision of CERCLA means that a private party with liability for some element of an overall site contamination can be, and often is, held liable for the entire site cleanup costs.

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- NewFields (\$6,767,288): Lead contractor for RI/FS from 2002 to 2012⁶⁶
- Shannon & Wilson (\$5,779,365): Contractor retained for Phase II RI field work, and later lead contractor for RI/FS from 2013 to present⁶⁷
- Conestoga-Rovers & Associates (\$4,433,705): Contractor for developing Sampling and Analysis Plan, QA/QC plans and for performing Phase I RI field work⁶⁸

Menzie-Cura & Associates, SCS Engineers, and USA Environmental were vendors responsible for conducting discrete investigative support to the RI or RI Addendum as ordered by the Agencies and described below:

- USA Environmental (\$835,149): Contractor responsible for performing MEC and asbestos investigations as part of RI Addendum⁶⁹
- Menzie-Cura & Associates (\$33,153): Contractor responsible for preparing pre-RI cost estimates
- SCS Environmental (\$14,099): Contractor responsible for soil gas/vapor sampling

Intesa Sanpaolo, SunTrust, and US Bank were responsible for providing standby letters of credit to GDOTS; these letters of credit were obtained as the AOC requires GDOTS to “establish and maintain

⁶⁶ I identified \$82,395 incurred by NewFields for the task “PRP Allocation.” These costs were excluded from my analysis as I could not definitively conclude that they were Related Costs.

⁶⁷ I identified \$76 incurred by Shannon & Wilson for late payment of an invoice; this cost was excluded from my analysis as a late payment is not related to Site contaminant issues and was not required by any regulatory agency.

⁶⁸ I identified \$1,000 incurred by Conestoga-Rovers & Associates for which I could not identify a task on the invoice supporting that cost. This cost was excluded from my analysis as I could not definitively conclude that it was a Related Cost.

⁶⁹ Note that the MEC and asbestos investigation was requested by FWS under the AOC:

During preparation of the work plan to investigate potential munitions debris at AUS 0069, FWS requested that a separate investigation for asbestos containing materials (ACMs) should also be considered. This was based on observations made at the site during previous investigations that a significant amount of building debris was present at the site.

See Shannon & Wilson, Inc. September 2014. MEC/Asbestos AUS 0069, Crab Orchard National Wildlife Refuge. Asbestos Investigation Report for the Supplemental Investigation for Munitions and Explosives of Concern (MEC) Characterization and Asbestos Investigation at AUS 0069 Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0002956 – 2020OLINCOS_0003594; at page 2959.

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financial security in an amount sufficient to perform the work and any other obligations required under th[e] AOC,” as described below:⁷⁰

- SunTrust (\$116,967): Bank responsible for providing financial assurance letter of credit as required under the AOC from 2005 to 2009
- Intesa Sanpaolo (\$75,151): Bank responsible for providing financial assurance letter of credit as required under the AOC from 2009 to 2011
- US Bank (\$31,475): Bank responsible for providing financial assurance letter of credit as required under the AOC from 2011 to 2015

LECG and Gnarus were retained to evaluate the Agency oversight cost packages. This cost package review was specifically contemplated by the AOC,⁷¹ and ultimately resulted in the identification of some Agency accounting errors and cost savings to GDOTS.⁷²

- Gnarus Advisors (\$18,822): Contractor responsible for evaluating Agency oversight cost packages from 2007 to 2010
- LECG (\$17,950): Contractor responsible for evaluating Agency oversight cost packages from 2007 to 2010

Regulatory Agency Costs incurred by GDOTS totaled \$22.68 million. Of that amount, I determined that all were Related Costs, incurred by the Agencies to perform their AOC-mandated oversight role, enforce provisions of the AOC, and to perform the baseline risk assessments.

- USDOT including the Bureau of Land Management (“BLM”) and FWS (\$17,300,455): Lead agency oversight and performance of baseline risk assessments
- USDOT (\$3,600,000): A settlement under the AOC for delays in completing the RI/FS work plan
- USEPA (\$1,783,740): Agency oversight

⁷⁰ See FWS, USDOT, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3350 – 3351.

⁷¹ See FWS, USDOT, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3345 – 3346.

⁷² See USDOT. May 2, 2006. Letter from C. Padgett to E. Lynn Grayson re: Reimbursement of FWS Response Costs for October 1, 2002 through September 30, 2003: AUS OU, Crab Orchard National Wildlife Refuge. CONWR_AUS_GDOTSCOSTS010851 – CONWR_AUS_GDOTSCOSTS010884; at pages 0851 – 0856.

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USDOJ and USEPA were Agencies responsible for developing components of the RI/FS (such as the baseline risk assessments)⁷³ and for performing oversight of the PRP-led RI/FS as required under the AOC.⁷⁴ These actions were required under the AOC, and GDOTS was required to reimburse the Agencies for their expenses:

*Following issuance of this Consent Order, DOI/FWS and U.S. EPA shall submit to the Respondent on a periodic basis a summary of all response costs, including oversight costs, incurred by the FWS and U.S. EPA with respect to this RI/FS. Response costs may include, but are not limited to, costs incurred in overseeing implementation of the requirements of this order, as well as activities performed by the government as part of the RI/FS and community relations following the effective date of this Order. Costs shall include all direct and indirect costs, including, but not limited to, time and travel costs of DOI and FWS, U.S. EPA and Department of Justice personnel and associated indirect costs, contractor costs, cooperative (interagency) agreement costs, compliance monitoring, including the collection and analysis of split samples, inspection of RI/FS activities, discussions regarding disputes that may arise under this Consent Order, review and approval or disapproval of reports, and costs of performing the baseline risk assessment. FWS and U.S. EPA agree to provide sufficient information in each response cost summary to describe the services for which the bill is sent.*⁷⁵

In 2003, GDOTS invoked a dispute resolution provision in the AOC challenging certain tasks FWS ordered to be included in the RI/FS work plan. The tasks that FWS proposed were considered by GDOTS to be contrary to the recommendations of technical working groups that included representatives from USEPA, IEPA, FWS, and GDOTS.⁷⁶ During this process, FWS emphasized its role in directing the PRPs to perform the RI/FS.

⁷³ See FWS, USDOJ, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at page 3323.

⁷⁴ See FWS, USDOJ, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at page 3305.

⁷⁵ See FWS, USDOJ, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3343 – 3344.

⁷⁶ See NewFields. August 2004. Crab Orchard Dispute Resolution Brief. 2020OLINCOS_0043496 – 2020OLINCOS_0043539; at page 3499.

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The AOC is premised upon governmental oversight and control of the Respondent's performance; FWS, in consultation with the other FFA Parties, retains final responsibility under the AOC for assuring the adequacy of the RI/FS for the AUS Operable Unit.⁷⁷

To express its objections and based on its belief that the RI/FS could be performed based on the peer-reviewed recommendations by the technical working groups, GDOTS elevated the dispute regarding the scope of the RI/FS to the USEPA Superfund Director for Region V, as permitted by the AOC.⁷⁸ In all, the dispute took over a year to resolve, and during that time, GDOTS could not submit the RI/FS work plan in accordance to the schedule provided by the AOC. After resolution of the dispute and negotiation, USDOl and GDOTS reached a settlement with regard to the delays in issuance of the final, approved RI/FS work plan (and associated sampling and analysis plan). The settlement costs incurred by GDOTS and imposed within the framework of the AOC dispute resolution process⁷⁹ were costs incurred to complete the RI/FS under the provisions of the AOC and FWS directives. The costs also reflect on the non-voluntary aspect of performing work under an AOC, as they demonstrate that ultimately, the Agencies have final say on the scope and content of the RI/FS.

As GDOTS continued to perform the RI/FS, the Agencies conducted oversight of the work being performed, and at times, ordered additional sampling and investigations as they deemed necessary. In addition, the Agencies have provided hundreds of comments over multiple iterations of document review.

Legal Costs incurred by GDOTS totaled \$2.00 million. Of that amount, I determined that at least \$1.25 million were Related Costs.

- Jenner & Block (\$1,247,308): Jenner & Block was the law firm representing GDOTS from 2002 to 2008; they conducted PRP searches, negotiated with the Agencies regarding the AOC and

⁷⁷ See FWS, USDOl. July 9, 2004. Determination of the Regional Director, Region 3, December 22, 2003 Invocation of Dispute Resolution. In the Matter of: Crab Orchard National Wildlife Refuge, AUS OU. 2020OLINCOS_0043841 – 2020OLINCOS_0043876; at page 3845.

⁷⁸ See NewFields. August 2004. Crab Orchard Dispute Resolution Brief. 2020OLINCOS_0043496 – 2020OLINCOS_0043539; at pages 3499 – 3500.

⁷⁹ See FWS, USDOl, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3310 – 3311, 3325, 3333 – 3335.

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RI/FS work plan, and facilitated setting up vendor contracts for the performance of the RI/FS as required under the AOC, among other tasks.⁸⁰

All of the aforementioned costs were incurred while GDOTS negotiated the AOC for the AUS RI/FS or performed the AUS RI/FS as required under the 2002 AOC. While the AOC is an agreement between GDOTS and the Agencies, it outlines steps that GDOTS was required to take when performing the RI/FS.

Evaluation of Other Site Costs

In addition to the above AUS RI/FS-related costs, there were two other categories of costs incurred by Olin and GDOTS at the Site.

Site 36 Cost incurred by GDOTS totaled \$1.61 million. Of that amount, I determined that the entire cost was a Related Costn, as it represented a payment to Citibank as escrow agent for the MISCA OU Site 36 Consent Decree.⁸¹ This was a stipulated payment under a Consent Decree between the United States and several PRPs. In response to litigation filed against GDOTS by the US Government, seeking reimbursement on behalf of USEPA and USDOT of over \$9 million in response costs incurred at Site 36, several PRPs (including GDOTS) settled and agreed to reimburse the United States for \$4,167,458 in response costs. This amount was to be divided between the PRPs, including GDOTS.⁸² The \$1.61 million payment represents GDOTS portion of that settlement amount.

Mediation-Related Costs incurred by Olin totaled \$0.92 million. Of that amount, I determined that at least \$0.80 million were related to Site contamination.⁸³ A description of the vendors performing these actions is provided below:

⁸⁰ I identified \$749,929 incurred by Jenner & Block that were either redacted or were otherwise excluded in the Duffin Affidavit as not being incurred for work related to the AOC. These costs were excluded from my analysis as I could not definitively conclude that they were related to Site contamination.

See October 1, 2015. Affidavit of William J. Duffin. 2020OLINCOS_0055284 – 2020OLINCOS_0055290; at pages 5287, 5290.

⁸¹ Under that Consent Decree, several PRPs, including GDOTS, settled with the Agencies for \$4.17 million in response costs; the GDOTS portion of that amount was \$1.61 million.

⁸² See United States District Court for the Southern District of Illinois. April 1, 2014. Consent Decree, Case No. 3:11-cv-00399 JPG/DGW. GD-OTS_OLIN_LITIG_00321190 – GD-OTS_OLIN_LITIG_00321235; at pages 1192, 1200.

⁸³ In addition to the vendors below, I identified costs incurred by ERG (an internal department at Olin) and CM Richards. These costs were excluded from my analysis as I could not definitively conclude that they were related to Site contamination.

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- Polsinelli (\$734,469): Law firm on behalf of Olin from 2018 to the present; tasks include representing Olin in the mediation.⁸⁴
- NewFields (\$54,966): Consultant on behalf of Olin from 2017 to the present; tasks include assisting Olin in mediation support and providing technical assistance with respect to the assessment of the contamination at the Crab Orchard Site.⁸⁵
- Latham and Watkins (\$10,000): A payment by Olin to cover the costs of the mediation.

In sum, out of the \$52.82 million in costs incurred and paid by GDOTS and Olin for the Crab Orchard Site, and based upon my understanding of the Crab Orchard Site and rigorous analysis including review of numerous documents, I definitively concluded that \$51.87 million of such costs were Related Costs. See Appendix A and C for a listing of these costs and supporting invoices. For the \$0.95 million that was not definitively identified as Related Costs, I reserve the right to supplement my opinion and report in the event I am provided additional information regarding any of these costs.

Of that \$51.87 million in Related Costs, \$0.80 million was for the mediation between the PRPs. These costs are further discussed in Opinion 3 of this report. The other \$51.07 million is discussed in Opinion 2 of this report.

⁸⁴ I identified \$83,079 incurred by Polsinelli that was redacted. These costs were excluded from my analysis as I could not definitively conclude that they were related to Site contamination.

⁸⁵ I identified \$50 incurred by NewFields for which I could not definitively conclude was related to Site contamination.

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TABLE 2
Summary of Paid Related Costs

<i>Category</i>	<i>Vendor</i>	<i>Paid Amount</i>	<i>Paid Related Costs</i>
AUS Consultant Costs	NewFields (RI/FS)	\$ 6,849,683	\$ 6,767,288
AUS Consultant Costs	Cardno ENTRIX	\$ 6,674,271	\$ 6,674,271
AUS Consultant Costs	Shannon & Wilson	\$ 5,779,441	\$ 5,779,365
AUS Consultant Costs	Conestoga-Rovers & Associates	\$ 4,434,705	\$ 4,433,705
AUS Consultant Costs	USA Environmental, Inc.	\$ 835,149	\$ 835,149
AUS Consultant Costs	ELM Consulting LLC	\$ 723,491	\$ 723,491
AUS Consultant Costs	SunTrust	\$ 116,967	\$ 116,967
AUS Consultant Costs	Intesa Sanpaolo S.p.A.	\$ 75,151	\$ 75,151
AUS Consultant Costs	Menzie-Cura & Associates, Inc.	\$ 33,153	\$ 33,153
AUS Consultant Costs	US Bank	\$ 31,475	\$ 31,475
AUS Consultant Costs	Gnarus Advisors, LLC	\$ 18,822	\$ 18,822
AUS Consultant Costs	LECG LLC	\$ 17,950	\$ 17,950
AUS Consultant Costs	SCS Engineers	\$ 14,099	\$ 14,099
Subtotal		\$ 25,604,356	\$ 25,520,885
Regulatory Agency Costs	U.S. Department of the Interior	\$ 20,900,455	\$ 20,900,455
Regulatory Agency Costs	U.S. Environmental Protection Agency	\$ 1,783,740	\$ 1,783,740
Subtotal		\$ 22,684,195	\$ 22,684,195
Legal Costs	Jenner & Block	\$ 1,997,237	\$ 1,247,308
Subtotal		\$ 1,997,237	\$ 1,247,308
Mediation-Related Costs	Polsinelli PC	\$ 817,548	\$ 734,469
Mediation-Related Costs	NewFields (Mediation)	\$ 55,046	\$ 54,996
Mediation-Related Costs	ERG - Project Management	\$ 32,496	\$ -
Mediation-Related Costs	Latham & Watkins LLP	\$ 10,000	\$ 10,000
Mediation-Related Costs	ERG - Travel	\$ 3,086	\$ -
Mediation-Related Costs	CM Richards	\$ 1,883	\$ -
Subtotal		\$ 920,060	\$ 799,465
Site 36 Cost	Citibank (Escrow Agent)	\$ 1,614,813	\$ 1,614,813
Subtotal		\$ 1,614,813	\$ 1,614,813
TOTAL		\$ 52,820,661	\$ 51,866,665

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Opinion 2

\$51.07 million in costs related to performance of the RI/FS under the AOC for the AUS OU and settlement under a consent decree for Site 36 of the MISCA OU were reasonably incurred.

AUS RI/FS Costs

To assess whether the costs related to performance of the RI/FS for the AUS OU under the AOC were reasonably incurred, I conducted an evaluation of the AUS Consultant Costs, Regulatory Agency Costs, and Legal Costs identified in Opinion 1. I utilized both qualitative and quantitative evaluation criteria and methods which are described in more detail below. These include the following qualitative elements:

- The AUS OU as a “Mega Site”
- The AUS RI/FS Scope
- The AUS RI/FS Duration
- Cost Controls

I also include a quantitative comparison of the AUS RI/FS cost to national statistics.

Based on these qualitative and quantitative factors, I conclude that all of the AUS Consultant Costs, Regulatory Agency Costs, and Legal Costs were reasonably incurred as detailed below:

(1) AUS Operable Unit is a “Mega Site”

The scope of the AUS OU is extremely large; it spans the 43,500-acre refuge, concentrated on the 22,000-acre footprint of the former Illinois Ordnance Plant.⁸⁶ As FWS noted when addressing a dispute concerning the scope of the RI/FS:

The remedial investigation for the AUS OU is a large and complex task that will characterize the nature and extent of contamination in areas large and small, at various locations within a

⁸⁶ See FWS. September 2001. Draft-Final PA/SI Report, AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County); Volume I. 2020OLINCOS_0038890 – 2020OLINCOS_0039109; at page 8985.

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*much larger area, with diverse histories, contaminants, and present and potential future exposure pathways. In light of this heterogeneity, when the RI/FS is completed the remedial decisions may vary based on the nature and extent of contamination identified in different geographic areas or environmental media within the operable unit. The information developed by the RI/FS, and the remedial decisions that ensue, will be critically important to FWS management of Refuge resources and protection of Refuge employees and visitors in the future.*⁸⁷

While the individual areas included in the AUS RI combined total approximately 2,500 acres,⁸⁸ which on its own is a large area relative to typical Superfund sites, the 2,500 acres are not contiguous but rather spread across the refuge and the footprint of the former ordnance works, as shown in the earlier figure in the Site Response and Regulatory History section of this report.

Due in part to this large geographic scope, the varied history of industrial operations, the breadth of contaminant types and affected media, and the heterogeneity of the subsites addressed, the cost to perform the RI has, understandably, been substantial. In addition, future costs to complete the FS and ultimately remediate the AUS OU will be large. As previously discussed, more than 10,000 samples were collected at the AUS OU, including surface water, sediment, soil, groundwater, and vapor, as well as targeted investigations into abandoned sewer line deposits, drum contents, and asbestos bulk samples.⁸⁹ More than 500 groundwater wells were installed during the RI.⁹⁰

As of January 2020, the worst-case estimated costs to complete design and implementation of the remedy were in excess of \$200 million, and intermediate scenario costs across 21 sites and 57 remedy areas were in excess of \$60 million.⁹¹

⁸⁷ See FWS, USDOl. July 9, 2004. Determination of the Regional Director, Region 3, December 22, 2003 Invocation of Dispute Resolution. In the Matter of: Crab Orchard National Wildlife Refuge, AUS OU. 2020OLINCOS_0043841 – 2020OLINCOS_0043876; at page 3849.

⁸⁸ See Shannon & Wilson, Inc. February 2015. RI Report, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0003920 – 2020OLINCOS_0004609; at page 3969.

⁸⁹ See Shannon & Wilson, Inc. December 2019. Draft FS, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. GD-OTS_OLIN_LITIG_01396386 – GD-OTS_OLIN_LITIG_01396890; at page 6416.

⁹⁰ See Shannon & Wilson, Inc. December 2019. Draft FS, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. GD-OTS_OLIN_LITIG_01396386 – GD-OTS_OLIN_LITIG_01396890; at page 6416.

⁹¹ See Crab Orchard AUS OU: PRP Mediation Participation, Costs and Remedies by Area. 2020OLINCOS_0043987 – 2020OLINCOS_0043988.

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Moreover, this Site is atypical as compared to most NPL sites, in that it is a functioning wildlife refuge with a complex history involving multiple governmental agencies. As noted in the RI report:

These missions and the USFWS central mission of "working with others, to conserve, protect and enhance fish, wildlife, and plants and their habitats for the continuing benefit of the American people" are reflected in the historical and current uses of CONWR. A wide variety of habitats and associated wildlife exist at CONWR, which includes designated wilderness areas and research natural areas. Substantial portions of CONWR are generally closed to the public except for select structured seasonal activities such as hunting (deer/turkey) and auto tours. CONWR receives an estimated 1.1 million recreational visits annually with usage including fishing, hunting, environmental education, interpretation, wildlife observation/photography, hiking, boating, swimming, picnicking, and camping. The CONWR agriculture program includes about 4,500 acres of row crops tended by cooperative farmers, about 800 acres of hay fields harvested under special use permits, and about 1,000 acres of pasture grazed under special use permits. CONWR leases 1.2 million square feet of facilities that are used for manufacturing and storage of a variety of materials, including ordnance and explosives. CONWR also maintains extensive transportation and utility infrastructure. Over 200 tenants have occupied or leased land at CONWR from 1946 to present.⁹²

Because the Site is located on a wildlife refuge managed by FWS, that agency was designated as the lead agency responsible for oversight of the remedial action. However, because the Site is technically complex and has a historical legacy of department of defense operations, several other government agencies with specific technical and regulatory knowledge have been very involved in ensuring that the remediation meets all local, state and federal requirements.⁹³ Finally, USEPA and its state equivalent (IEPA) are involved because the Site is on the NPL and is being remediated through the Superfund process.

All of the above factors lead to the conclusion that the AUS OU, by itself, can be considered a Superfund "megasite." Superfund megasites are those sites which are expected to cost \$50 million or more to

⁹² See Shannon & Wilson, Inc. February 2015. RI Report, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0003920 – 2020OLINCOS_0004609; at pages 3967 – 3968.

⁹³ See USEPA Region V and the IEPA and the USDO and the DA. September 13, 1991. Federal Facility Agreement Under CERCLA Section 120, In the Matter of: The USDO's Crab Orchard National Wildlife Refuge. 2020OLINCOS_0039430 – 2020OLINCOS_0039525; at pages 9439 – 9441, 9450 – 9459.

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cleanup; the geographic extent of such sites can often be measured in square miles.⁹⁴ Moreover, due to the large geographic extent of megasites, the RI/FS process for megasites is often much more costly and time consuming than for a typical NPL site. Whereas a typical RI/FS may cost several million dollars and take 4-5 years,⁹⁵ it is not unusual for a megasite RI/FS to cost more than \$150 million and take 10-20 years.^{96,97} Therefore, the fact that GDOTS has incurred and paid over \$50 million in costs to perform and implement the RI/FS for the AUS OU is consistent with the costs to investigate megasites.

(2) AUS RI/FS Scope is Determined by the Agencies

Regardless of the actual cost incurred to perform the RI/FS, it is important to note that the scope of the RI/FS for the AUS OU was dictated by the Agencies, and not GDOTS or any other PRP. As previously discussed, and more extensively discussed in Appendix B-1, regulatory agencies strongly encourage private parties to perform the RI/FS through either settlement agreements or unilateral orders. While PRPs may “voluntarily” enter into settlement agreements that require they perform RI/FS at hazardous waste sites, like GDOTS did with the AOC for the AUS OU, in practice there is little that is voluntary. In my experience, agencies threaten PRPs with more onerous unilateral orders (or threaten to take over performance of the RI/FS) should such PRPs refuse to sign the settlement agreement. That is what happened here for the AUS OU. Through USEPA’s Special Notice Letter to GDOTS, USEPA advised GDOTS that it had “a 60-day period of formal negotiations with DOI and U.S. EPA to enter into a

⁹⁴ See Katherine N. Probst. 2017. Superfund 2017: Cleanup Accomplishments and the Challenges Ahead; at page 5. Available at:

http://www.acec.org/default/assets/File/Superfund_2017_FINAL.pdf

⁹⁵ The average duration of a RI/FS in 1996 was 4.4 years.

See United States General Accounting Office. March 1997. Superfund: Times to Complete the Assessment and Cleanup of Hazardous Waste Sites. GAO/RCED-97-20; at pages 30-31. Available at:

<https://www.gao.gov/assets/230/224057.pdf>

⁹⁶ See Daniel E. Uyesato, ABA. January 1, 2017. Superfund “mega-sites”: How American accounting rules exacerbate difficult challenges. Available at:

https://www.americanbar.org/groups/environment_energy_resources/publications/trends/2016-2017/january-february-2017/superfund_mega-sites/

⁹⁷ See Steven C. Nadeau. July 13, 2016. Testimony of Steven C. Nadeau Partner, Environmental Practice Group Honigman Miller Schwartz and Cohn LLP Hearing on “Oversight of CERCLA Implementation” Before the House of Representatives Committee on Energy and Commerce, Subcommittee on Environment and the Economy; at pages 2, 6-7. Available at:

<https://docs.house.gov/meetings/IF/IF18/20160713/105195/HHRG-114-IF18-Wstate-NadeauS-20160713.pdf>

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voluntary agreement to perform the RI/FS.” USEPA, however, also made clear in that letter that if GDOTS “declined any involvement in performing the response activities” it may be “held liable under Section 107 of CERCLA for the cost of the response activities the United States performs at the AUS OU and for any damages to natural resources.”⁹⁸

Furthermore, the AOC which governs the performance of the RI/FS is structured to provide the Agencies with close control and oversight throughout the RI/FS process. All work plans and scoping documents must be submitted to the Agencies, and are subject to their review, comment, and approval. Absent that approval, PRPs can be subject to penalties if they defy the Agencies direction, stop work, or otherwise miss deadlines.⁹⁹

*The AOC is premised upon governmental oversight and control of the Respondent's performance; FWS, in consultation with the other FFA Parties, retains final responsibility under the AOC for assuring the adequacy of the RI/FS for the AUS Operable Unit.*¹⁰⁰

Thus, while GDOTS was responsible for hiring the contractors who actually perform the RI/FS, the Agencies closely controlled the scope of the work conducted under the RI/FS. For example, while the AOC provided GDOTS with the ability to challenge the Agencies decision-making, ultimately the Agencies have the final determinative authority in any appeals process.¹⁰¹ Moreover, if an agency determines that a RI/FS needs to proceed in a certain manner, a PRP has little choice but to comply. Indeed, when the RI report was being revised, the Agencies ordered an additional investigation for MEC and Asbestos in 2012 along with further investigation in 2014, resulting in additional field work and an Addendum to the RI report.

Moreover, it should be noted that significant components of the RI/FS costs at issue in this case were incurred directly by the Agencies and their contractors. These costs were incurred for the performance

⁹⁸ See USEPA. March 29, 2002. Letter from J. Mayka et al. to E. Lynn Grayson et al. re: Crab Orchard National Wildlife Refuge NPL Site, AUS OU, Special Notice Letter for RI/FS. 2020OLINCOS_0056618 – 2020OLINCOS_0056699; at pages 6618 – 6622.

⁹⁹ See FWS, USDOl, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3299, 3308 – 3311, 3321.

¹⁰⁰ See FWS, USDOl. July 9, 2004. Determination of the Regional Director, Region 3, December 22, 2003 Invocation of Dispute Resolution. In the Matter of: Crab Orchard National Wildlife Refuge, AUS OU. 2020OLINCOS_0043841 – 2020OLINCOS_0043876; at page 3845.

¹⁰¹ See FWS, USDOl, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3333 – 3335.

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of oversight duties, and to conduct the baseline ecological risk assessment and human health risk assessment for the RI/FS. Again, in my experience, there is typically a presumption that the costs incurred by Agencies to perform oversight duties and to perform specific, required components of a RI/FS must be paid, and it is difficult for PRPs to challenge these types of costs.

With regard to agency oversight, it should be noted that due to the uniqueness and complexities of this Site, there were multiple Agencies involved in overseeing and commenting on the RI/FS. This contributed to the large magnitude of agency oversight costs for the RI/FS.¹⁰² Agency oversight costs are non-discretionary and must be paid by PRPs. While parties can challenge the accounting of oversight costs for potential errors, the AOC in general limits the ability of parties to contest or otherwise challenge Agency oversight costs. GDOTS did, however, regularly review and audit these oversight costs before issuing payment.

Finally, due to the unique history of this Site and its current usage as a wildlife refuge, there are an atypically large number of government agencies involved with oversight. These include the more common USEPA and state equivalent (IEPA), but also DOI/FWS, DA (and the United States Army Corps of Engineers or "USACE"), USDOJ, and the BLM. These government agencies with specific technical and regulatory knowledge have been very involved in ensuring that the remediation meets all local, state and federal requirements.

(3) AUS RI/FS Duration

The amount of time to complete the RI/FS for the AUS OU has been longer than typical, and this has also influenced the cost of the RI/FS. A primary driver of this was the fact that as the final OU for the Site, the Agencies established the scope of the AUS OU to cover everything not previously addressed in other OUs. Thus, the scope of the AUS RI/FS has been continually refined and expanded as more data is gathered, since there will not be another OU to further investigate and remediate portions of the Site.

¹⁰² It should also be noted that all Agency costs are subject to the addition of government indirect costs. These indirect costs, typically expressed as a percentage of costs incurred in a given fiscal year, are designed to recover the overhead costs for the Agency on a regional and country-wide basis. Depending on the region of the country and the fiscal year, these costs can run in excess of 80% of direct costs, which have the effect of almost doubling the amount of government oversight costs.

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For example, after completion of Phase II of the RI, the FWS identified the need to conduct additional investigations into asbestos and munitions in 2012 and resolve outstanding data needs in 2014; these investigations were included in an addendum to the RI.¹⁰³

The duration has also been influenced by the number of Agencies involved in oversight. Key documents are subject to review and comment by multiple federal and state agencies under the FFA; the result of which is that documents have frequently undergone multiple rounds of draft iteration to respond to and incorporate agency comments.

Finally, there have been changes in oversight personnel which have also influenced the time to finalize documents and receive approval. In my experience personnel changes can lead to new viewpoints and necessary revisions to documents. With respect to the AUS RI/FS, oversight personnel changes have led to periods of time during the transitions where there were slow downs or pauses in investigative work at the Site. For example, FWS noted in its progress reports that its review of the draft RI report was “delayed due to shifting of limited FWS staff resources to other projects” and that it had “outstanding items” to address for the RI.¹⁰⁴

(4) Cost Controls

Throughout the RI/FS process, GDOTS has taken steps to control and manage costs. As noted in their initial response to the Special Notice Letter, GDOTS was to

*solicit proposals to conduct the RI/FS work from targeted, qualified firms. GDOTS will select an environmental consultant based upon consideration of key factors including but not limited to: Superfund expertise; Region V experience; personal qualifications of project managers; professional reputation of firm; and, cost considerations.*¹⁰⁵

To perform the RI/FS, GDOTS solicited competitive bids from select vendors with experience in overseeing and performing a RI/FS. For role of program manager, GDOTS competitively bid the project

¹⁰³ See Shannon & Wilson, Inc. February 2015. RI Addendum Report, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0002038 – 2020OLINCOS_0002096; at page 2050.

¹⁰⁴ See FWS. October 2013. AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Monthly Progress Report, October 1 through October 31, 2008. 2020OLINCOS_0069210.

¹⁰⁵ See Jenner & Block. May 28, 2002. Letter from E. Lynn Grayson to M. Chesslin re: Good Faith Offer of GDOTS to Conduct RI/FS at Crab Orchard. 2020OLINCOS_0049845 – 2020OLINCOS_0049850; at page 9847.

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and NewFields ultimately won the contract.¹⁰⁶ GDOTS also issued a competitive bid for the execution of Phase I RI field work; four firms responded to the request for proposal (“RFP”), and ultimately Conestoga-Rovers & Associates received the award.^{107,108} Competitive bidding was also used for the selection of the Phase II RI field work (Shannon & Wilson), MEC work (USA Environmental), and laboratories to process samples (several vendors including TestAmerica who subcontracted through Cardno Entrix).¹⁰⁹ In all, the substantial majority of the AUS Consultant costs were competitively bid. GDOTS’ use of a competitive bid process to select vendors based on qualifications and price demonstrates appropriate procedures on the part of GDOTS to reduce costs and is further support for the reasonableness of the incurred costs.

With respect to agency oversight costs, from the outset GDOTS disclosed their intention to review and audit agency oversight costs. For example, in its good faith offer to perform the RI/FS, GDOTS stated the following:

*GD-OTS’ willingness to reimburse the U.S. EPA and the U.S. DOI is subject to agreement that: backup cost documentation will be provided to GD-OTS, upon request, in order to audit expenses and costs incurred; and, GD-OTS reserves all legal rights to challenge the reasonableness of the costs sought to be reimbursed.*¹¹⁰

GDOTS also made clear its intention of auditing regulatory oversight costs at a May 2002 meeting with the Agencies.¹¹¹ Accordingly, GDOTS retained consultants (LECG and Gnarus) to evaluate and in some

¹⁰⁶ See Interview Notes of Gil Dunn, September 8, 2020.

¹⁰⁷ See NewFields. April 2003. Final RI/FS Quality Management Plan, Crab Orchard National Wildlife Refuge, Marion, Illinois. 2020OLINCOS_0046750 – 2020OLINCOS_0046839; at page 6759.

¹⁰⁸ See Interview Notes of Gil Dunn, September 8, 2020.

¹⁰⁹ See Interview Notes of Dave Trainor, September 10, 2020.

¹¹⁰ See Jenner & Block. May 28, 2002. Letter from E. Lynn Grayson to M. Chesslin re: Good Faith Offer of GDOTS to Conduct RI/FS at Crab Orchard. 2020OLINCOS_0049845 – 2020OLINCOS_0049850; at page 9847.

¹¹¹ See GDOTS. May 8, 2002. Crab Orchard National Wildlife Refuge, OTS Presentation. Lamorak2017 00039154 – Lamorak2017 00039205; at pages 9176, 9183.

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cases challenge the agency oversight cost packages.¹¹² This effort identified certain accounting errors and resulted in reduced agency oversight cost payments.¹¹³

Furthermore, in December 2008, GDOTS and FWS signed a Memorandum of Understanding (“MOU”) concerning agency oversight. The purpose of the MOU was to improve communication between the parties and streamline FWS oversight under the AOC.^{114,115} The MOU recognized that “the Parties agree that they have a mutual interest in avoiding the incurrence of unnecessary oversight costs...” and that by “enhancing cooperation and improving communications, the Parties anticipate that oversight costs at the AUS OU can be reduced.”¹¹⁶ The MOU further identified specific techniques that should be implemented to control costs.¹¹⁷

In addition to review of agency oversight costs, GDOTS and its consultants also evaluated, and in some cases challenged, the scope of the RI/FS itself as discussed above and reiterated here. For example, during development of the RI/FS Work Plan, GDOTS and NewFields challenged a decision by FWS to expand the scope of the RI/FS.¹¹⁸ This challenge was appealed under the AOC and ultimately rejected;¹¹⁹ however, it serves as an example for GDOTS’ efforts to control costs.

¹¹² See Jenner & Block. November 8, 2005. Letter from E. Lynn Grayson to C. Padgett re: Crab Orchard – Oversight Costs Payment and Outstanding Issues. CONWR_AUS_GDOTSCOSTS010847 – CONWR_AUS_GDOTSCOSTS010850.

¹¹³ See USDOL. May 2, 2006. Letter from C. Padgett to E. Lynn Grayson re: Reimbursement of FWS Response Costs for October 1, 2002 through September 30, 2003: AUS OU, Crab Orchard National Wildlife Refuge. CONWR_AUS_GDOTSCOSTS010851 – CONWR_AUS_GDOTSCOSTS010884; at pages 0851 – 0856.

¹¹⁴ See FWS. December 2008. AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Monthly Progress Report, December 1 through December 31, 2008. 2020OLINCOS_0069103 – 2020OLINCOS_0069104.

¹¹⁵ See NewFields. January 2009. Monthly Progress Report, January 2009, Crab Orchard National Wildlife Refuge, AUS RI/FS. GD-OTS_OLIN_LITIG_00000288 – GD-OTS_OLIN_LITIG_0000290.

¹¹⁶ See FWS and GDOTS. December 12, 2008. Memorandum of Understanding Regarding Agency Oversight at the AUS OU at Crab Orchard National Wildlife Refuge. GD-OTS_OLIN_LITIG_01397697 – GD-OTS_OLIN_LITIG_01397700; at page 7697.

¹¹⁷ See FWS and GDOTS. December 12, 2008. Memorandum of Understanding Regarding Agency Oversight at the AUS OU at Crab Orchard National Wildlife Refuge. GD-OTS_OLIN_LITIG_01397697 – GD-OTS_OLIN_LITIG_01397700; at page 7698.

¹¹⁸ See Jenner & Block. December 22, 2003. Letter from E. Lynn Grayson et al. to L. Moore et al. re: GDOTS Invocation of Dispute Resolution Under the AOC. 2020OLINCOS_0045571 – 2020OLINCOS_0045649; at page 5572.

¹¹⁹ See USEPA. February 28, 2005. Letter from R. Karl to E. Lynn Grayson et al. re: Final Determination of the Director, Superfund Division, in Response to GDOTS Request for Review of the FWS Determination

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Moreover, the settlement amount itself was reasonable in that it was initially calculated based on the provisions of the AOC regarding the specific deliverables and number of days delayed; the government calculation of penalties was initially more than \$15 million.¹²⁰ Ultimately, through extended settlement negotiations where GDOTS was successful in raising a number of defense and challenges, such as reducing the period over which penalties were assessed,¹²¹ the parties agreed to a settlement of \$3.6 million.¹²²

Finally, GDOTS put into place several management structures to monitor spending by its consultants and control costs. These structures included a process to track expenses against budgets and allocate those expenses to individual areas of the Site. Bill Duffin at GDOTS was responsible for reviewing the invoices against a budget and confirming that the work performed was in accordance with the budgeted scope. After review, the invoices were then submitted to GDOTS' Finance department for payment, unless there were budget discrepancies in which case additional approvals were sought from senior personnel.¹²³

During implementation of the RI/FS, contractor invoices were submitted to the lead contractor for the Site (NewFields and later Shannon & Wilson) for review and approval recommendation, after which GDOTS reviewed and paid the invoices. This allowed GDOTS and the lead contractor to monitor and control expenses during the RI.^{124,125}

Based upon the above four qualitative factors, including the AUS as a Superfund "megasite", the scope being determined by the Agencies, the duration of the RI/FS, and the cost controls utilized by GDOTS,

concerning the Crab Orchard National Wildlife Refuge, AUS OU. 2020OLINCOS_0043601 – 2020OLINCOS_0043625; at page 3625.

¹²⁰ See USDOl. September 21, 2010. Letter from C. Padgett to J. Schneider re: Resolution of Claim for Stipulated Penalties: AUS OU, Crab Orchard National Wildlife Refuge. GD-OTS_OLIN_LITIG_00320960 – GD-OTS_OLIN_LITIG_00320963; at page 0962.

¹²¹ See USDOl. September 21, 2010. Letter from C. Padgett to J. Schneider re: Resolution of Claim for Stipulated Penalties: AUS OU, Crab Orchard National Wildlife Refuge. GD-OTS_OLIN_LITIG_00320960 – GD-OTS_OLIN_LITIG_00320963; at pages 0962 – 0963.

¹²² See USDOl. March 11, 2011. Stipulation and Agreement Regarding the Assessment and Payment of Certain Stipulated Penalties. GD-OTS_OLIN_LITIG_00000076 – GD-OTS_OLIN_LITIG_00000080; at page 0077.

¹²³ See Deposition of William Duffin. August 28, 2020; at pages 34:17 – 35:6, 60:5 – 64:20.

¹²⁴ See Interview Notes of Gil Dunn, September 8, 2020.

¹²⁵ See Interview Notes of Dave Trainor, September 10, 2020.

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it is my opinion that these costs were either required to be paid and/or were adequately controlled and reasonably incurred.

As a further evaluation of the overall RI/FS incurred costs, I also conducted a quantitative evaluation on the reasonableness of the incurred costs. I compared GDOTS claimed costs for the AUS RI/FS against RI/FS costs for NPL sites incurred nationally, using publicly available data obtained from USEPA.¹²⁶ That data observed RI/FS costs on a dollar per-OU basis for 613 fund-led NPL sites¹²⁷ that completed RI/FS work between 1982 and 2010. The NPL sites vary widely in number of OUs, scope, and complexity, and this data set provides a significant and consistent reference for RI/FS cost information that in my experience is suitable for comparison to that of other NPL sites such as this Site. These reference costs, along with location and inflation adjustments¹²⁸ to enable appropriate comparison to the AUS RI/FS costs, are shown in Appendix B-2, B-3, and B-4 of this report.

While NPL sites vary widely, in general the size and scope of the OUs in the USEPA dataset is considerably smaller than this Site and the AUS OU (as previously discussed, a “megasite”). The NPL sites in that database are also sites at which USEPA (or another agency) leads the RI/FS effort, as opposed to a private PRP. Therefore, in order to compare the AUS RI/FS to the USEPA dataset, I performed the following analysis regarding the size of the AUS RI/FS and the equivalent number of typical OUs for comparison to the USEPA dataset.

First, in order to compare the Site costs to the universe of NPL sites discussed above, I derived the total cost to perform the AUS RI/FS. This consisted of 1) GDOTS-incurred costs for its contractors to perform the PRP-led AUS RI/FS through May 2020; and 2) estimated costs by Shannon & Wilson to complete the AUS RI/FS. The total cost to be incurred by environmental consultants and contractors is estimated to be \$29.17 million, consisting of \$25.52 million in past costs through May 2020, and \$3.65 million in

¹²⁶ RI/FS costs were obtained from USEPA’s Comprehensive Environmental Response, Compensation, and Liability Information System (“CERCLIS”) database. CERCLIS and its successor system, the Superfund Enterprise Management System (“SEMS”), contain general information on sites nationwide including their location, status, contaminants of concern, response actions taken and costs.

¹²⁷ There were 824 operable units among these 613 NPL sites.

¹²⁸ Costs were adjusted for inflation from the completion date to 2020 using the Engineering News Record Construction Cost Index and adjusted for geographic location to Illinois based on the ECHOS 2006 location adjustment factors. See Appendix B-2, B-3, and B-4.

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future costs to complete the RI/FS.¹²⁹ For this comparison to the USEPA dataset, I included only the AUS Contractor Costs category when tabulating the costs to perform the AUS RI/FS. Other categories of costs incurred by GDOTS, while related to the performance of the RI/FS, were excluded from this comparison as they are not the types of costs that would be included in a dataset of Fund-lead sites. These excluded costs primarily include agency oversight costs.¹³⁰ I then conservatively inflated the AUS RI/FS costs from the year they were incurred to 2020 (costs in the USEPA dataset were only inflated from the year the RI/FS was completed, as data on the year they were incurred was not available).

This results in an inflation-adjusted AUS RI/FS cost of \$39.02 million.

Second, I accounted for the abnormal size and scope of the AUS OU by developing a number of “OU equivalents.” In the PA/SI, FWS identified 83 subsites for evaluation,¹³¹ spread across 14 separate areas of historical operations at the Site.¹³² Based on the findings in the PA/SI, the scope of the RI was established to cover 32 subsites spread across 11 of the 14 historical areas, including:

- Five subsites in Area 2 spanning approximately 550 acres
- Six subsites in Areas 11 and 12 spanning approximately 300 acres
- Twenty-one additional subsites in Areas 3, 4, 6, 7, 8, 9, 10, and 13 spanning 1,500 acres^{133,134}

In summary, the RI addressed 32 subsites spanning 11 separate areas of historical operations. Based on my experience and judgment, each of the 32 subsites could constitute its own OU, as they were

¹²⁹ The estimated cost to complete the RI/FS as of January 31, 2020 was \$3,753,308. I then deducted \$106,680 in past costs incurred between February 1, 2020 and May 31, 2020. This results in \$3,646,628 for future costs as of the end of May 2020 to complete the RI/FS.

See January 31, 2020. Crab Orchard AUS OU: PRP Mediation Participation, Costs and Remedies by Area. 2020OLINCOS_0043987 – 2020OLINCOS_0043988.

¹³⁰ These excluded costs also include legal costs, AOC settlement costs, and Site 36 Consent Decree costs.

¹³¹ See FWS. September 2001. Draft-Final PA/SI Report, AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County); Volume I. 2020OLINCOS_0038890 – 2020OLINCOS_0039109; at page 8987.

¹³² See FWS. September 2001. Draft-Final PA/SI Report, AUS OU, Crab Orchard National Wildlife Refuge NPL Site, Marion, Illinois (Williamson County); Volume I. 2020OLINCOS_0038890 – 2020OLINCOS_0039109; at page 8985.

¹³³ See FWS, USDO, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3300 – 3301.

¹³⁴ See Shannon & Wilson, Inc. February 2015. RI Report, AUS OU, Crab Orchard National Wildlife Refuge, Williamson County, Illinois. 2020OLINCOS_0003920 – 2020OLINCOS_0004609; at page 3969.

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each individually subject to a detailed and thorough investigation and, as needed, evaluation of remedial alternatives.¹³⁵ However, in order to be more conservative, I chose to use the areas of historical operation to identify typical NPL OUs; 11 of the 14 historical areas contained subsites that were evaluated in the RI/FS.

In summary, I considered that the scope of the AUS RI/FS was equal to that of 11 OU equivalents or more typical NPL OUs.

Finally, I divided the total AUS RI/FS costs by those 11 areas. It should be emphasized that this calculation was performed solely to facilitate a comparison of the Crab Orchard AUS OU to the USEPA dataset of NPL OUs. It is not an opinion regarding how costs at Crab Orchard should be assigned or allocated to different areas or sections of the Site.

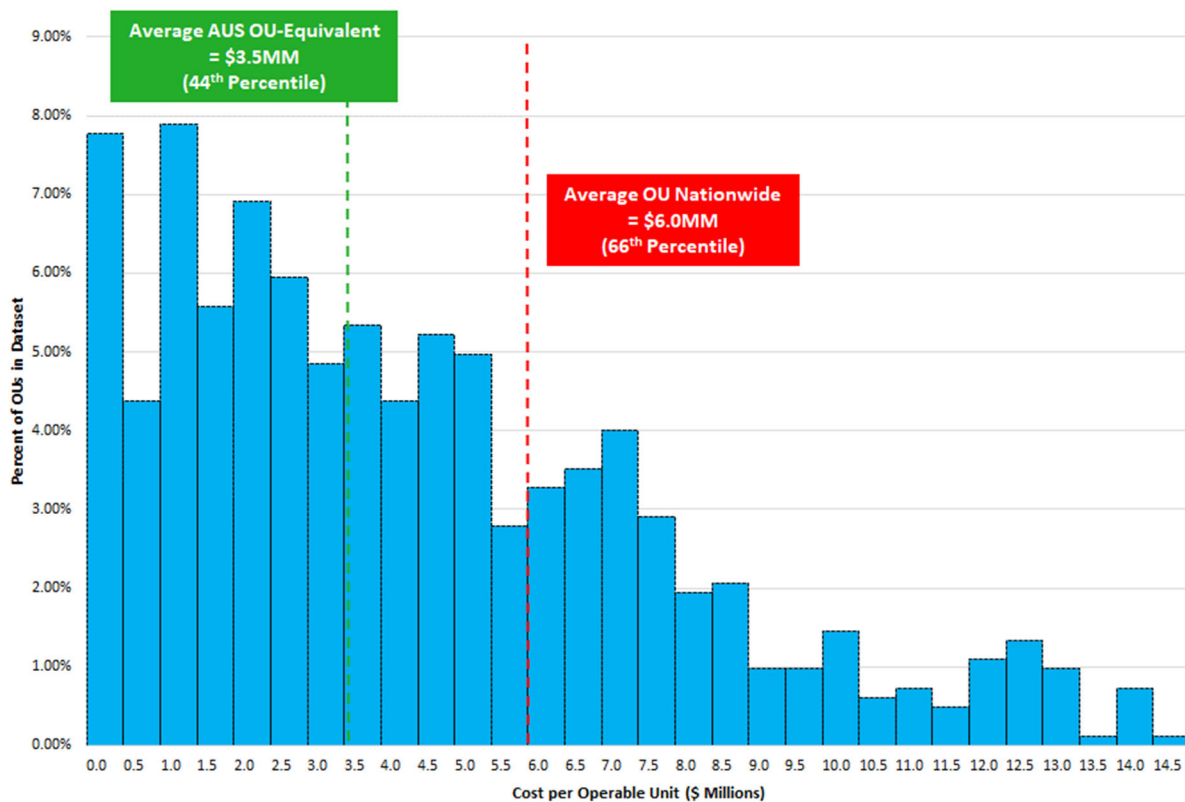
From this calculation, the average AUS RI/FS cost per area is then directly compared to the reference costs from the USEPA dataset. This comparison is shown graphically in Figure 1, below.

¹³⁵ It should also be noted that many of these 32 sites contained multiple distinct remedy areas, addressing different media and contaminant sources. In sum, the December 2019 draft FS report identified 57 remedy areas, each of which was subject to the detailed development and evaluation of alternatives.

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Figure 1: Average OU-Equivalent RI/FS Cost Compared to NPL Site OUs



The average inflation-adjusted AUS RI/FS cost of \$3.5 million is significantly less than that of the average OU nationwide (\$6.0 million) and is equivalent to the 44th percentile among 824 OUs in the United States.¹³⁶

Based on GDOTS' performance of the Agency-directed RI/FS, overall incentive to minimize expenditures, use of cost control measures for work conducted under the AOC, and the favorable comparison between the claimed RI/FS costs and that of other sites around the United States, it is my opinion that \$49.45 million in costs related to performance of the AUS RI/FS under the AOC were reasonably incurred.

¹³⁶ Note that even if all the agency costs were included in the AUS RI/FS cost, the average OU-equivalent cost would be \$5.7 million, still less than the average from the nationwide USEPA dataset.

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Site 36 Cost

The \$1.61 million Site 36 Cost, as previously discussed, was a stipulated payment under a Consent Decree between the United States and several PRPs. Through litigation, the United States sought over \$9 million in response costs for Site 36. In that litigation, the parties negotiated and the United States District Court for the Southern District of Illinois entered a Consent Decree in which PRPs, including GDOTS, agreed to pay approximately \$4.2 million of those response costs.¹³⁷ Of that \$4.2 million, GDOTS' share was \$1.61 million.¹³⁸

Based on the above factors, it is my opinion that \$51.07 million in costs related to performance of the RI/FS under the AOC for the AUS OU and settlement under a consent decree for Site 36 of the MISCA OU were reasonably incurred.

¹³⁷ See United States District Court for the Southern District of Illinois. April 1, 2014. Consent Decree, Case No. 3:11-cv-00399 JPG/DGW. GD-OTS_OLIN_LITIG_00321190 – GD-OTS_OLIN_LITIG_00321235; at pages 1192, 1200.

¹³⁸ See Citi Private Bank. June 2013. Statement Period Jun-01-13 to Jun-30-13, GDOTS and Schlumberger Escrow Account, Citibank, N.A., ESC... GD-OTS_OLIN_LITIG_00000118 – GD-OTS_OLIN_LITIG_00000119.

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Opinion 3

\$0.80 million are mediation-related costs, which are often incurred by Potentially Responsible Parties at multi-party Superfund Sites like the Crab Orchard Site.

As previously discussed, of the \$51.87 million in Related Costs, \$0.80 million relate to the mediation between PRPs for the AUS OU. It is my understanding that the purpose of the mediation is to allocate past RI/FS costs and future RI/FS costs between the PRPs. As such, many PRPs, including GDOTS, Olin, the United States, and several former tenants of areas within the AUS OU, have entered into a Joint Participation Agreement to determine each PRPs' share of the past and future RI/FS costs for the AUS OU.¹³⁹ I understand that the PRPs continue to negotiate regarding their and other PRPs' applicable share of the past and future RI/FS costs for the AUS OU.

In my experience it is not unusual at Superfund sites with multiple PRPs for there to be negotiations or mediation efforts occurring concurrent with the performance of response actions such as the RI/FS. In fact, such efforts are explicitly envisioned in CERCLA and in the AUS AOC.

Neither GDO&TS nor the United States admits any liability with respect to the AUS OU. It is understood and agreed, however, that any allocation of past and future response costs between and among PRPs, including costs that will be paid by GDO&TS pursuant to Sections XXI and XXII of this Order, and past costs incurred by FWS that have not been reimbursed pursuant to Section XXI of this order, will be deferred until completion of the RI/FS. It is further agreed that in any such future allocation, the United States will consider response costs incurred by GDO&TS in performing the work approved pursuant to this Consent Order to be part of the response costs to be allocated. GDO&TS will consider any response costs incurred by the United States prior to the effective date of this Consent Order, as well as response costs incurred in overseeing GDO&TS' performance of the RI/FS, to be part of the response costs to be allocated. Nothing in this paragraph shall be construed as a waiver by GDO&TS or the United

¹³⁹ August 6, 2015. Joint Participation Agreement, AUS OU, Crab Orchard National Wildlife Refuge. 2020OLINCOS_0042827 – 2020OLINCOS_0042862; at pages 2830 – 2834.

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*States of any claim or defense either may have with respect to the other's claim for response costs in the event of future litigation regarding the Site.*¹⁴⁰

In general, these types of activities to seek out and negotiate with other PRPs to share in the burden of implementing and funding response actions is, in my experience, a common activity at multi-party Superfund sites. PRPs often seek guidance from legal counsel and/or environmental consultants to assess its liability for the costs and to participate and defend itself in mediations and negotiations with other PRPs. That is what Olin has done here, through its engagement of Polsinelli and NewFields.

Finally, Olin had a process whereby the costs it incurred related to the Crab Orchard Site were tracked and approved through a robust internal cost control system. Each cost was authorized through an environmental spending authorization or ESA, and a purchase or release order was issued to the vendor authorizing them to perform certain work. After performing the work, the vendor then submitted an invoice, and it would be sent to multiple parties for approval before payment.¹⁴¹

Therefore, as the AOC contemplates PRPs allocate liability amongst themselves and Olin is participating in a mediation to do that, it is my opinion that Olin's engagement of Polsinelli and NewFields and payment to the mediator was typical of the types of costs incurred at multi-party Superfund Sites. Those costs amount to \$0.80 million—all of which are reflected on the Excel spreadsheet Bates labeled 2020OLINCOS_0043940.

¹⁴⁰ See FWS, USDOJ, USEPA Region 5, and IEPA. December 31, 2002. AOC for RI/FS. FWS Docket No. CONWR-AUS-01-02. Lamorak2017 00043290 – Lamorak2017 00043498; at pages 3294 – 3295.

¹⁴¹ See Deposition of David Share. August 21, 2020; at pages 269:11 – 270:15.

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APPENDIX A

Cost Schedules

Nathan Associates

SCHEDULE A***Summary of Invoiced Costs by Vendor***

<i>Vendor</i>	<i>Invoiced Amount</i>
U.S. Department of the Interior	\$21,386,097
NewFields (RI/FS)	\$6,898,285
Cardno ENTRIX	\$6,674,272
Jenner & Block	\$6,400,787
Shannon & Wilson	\$5,779,864
Conestoga-Rovers & Associates	\$4,542,493
U.S. Environmental Protection Agency	\$1,783,740
Citibank (Escrow Agent)	\$1,614,813
USA Environmental, Inc.	\$836,000
Polsinelli PC	\$818,572
ELM Consulting LLC	\$723,501
SunTrust	\$116,967
Intesa Sanpaolo S.p.A.	\$75,151
NewFields (Mediation)	\$55,046
Menzie-Cura & Associates, Inc.	\$33,153
ERG - Project Management	\$32,496
US Bank	\$31,475
Gnarus Advisors, LLC	\$19,435
LECG LLC	\$17,950
SCS Engineers	\$14,099
Latham & Watkins LLP	\$10,000
ERG - Travel	\$3,086
CM Richards	\$1,883
TOTAL	\$57,869,166

SCHEDULE B
Summary of Related Costs by Vendor¹

<i>Vendor</i>	<i>Invoiced Amount</i>	<i>Paid Amount</i>	<i>Related Costs</i>
U.S. Department of the Interior	\$21,386,097	\$20,900,455	\$20,900,455
NewFields (RI/FS)	\$6,898,285	\$6,849,683	\$6,767,288
Cardno ENTRIX	\$6,674,272	\$6,674,271	\$6,674,271
Jenner & Block	\$6,400,787	\$1,997,237	\$1,247,308
Shannon & Wilson	\$5,779,864	\$5,779,441	\$5,779,365
Conestoga-Rovers & Associates	\$4,542,493	\$4,434,705	\$4,433,705
U.S. Environmental Protection Agency	\$1,783,740	\$1,783,740	\$1,783,740
Citibank (Escrow Agent)	\$1,614,813	\$1,614,813	\$1,614,813
USA Environmental, Inc.	\$836,000	\$835,149	\$835,149
Polsinelli PC	\$818,572	\$817,548	\$734,469
ELM Consulting LLC	\$723,501	\$723,491	\$723,491
SunTrust	\$116,967	\$116,967	\$116,967
Intesa Sanpaolo S.p.A.	\$75,151	\$75,151	\$75,151
NewFields (Mediation)	\$55,046	\$55,046	\$54,996
Menzie-Cura & Associates, Inc.	\$33,153	\$33,153	\$33,153
ERG - Project Management	\$32,496	\$32,496	\$0
US Bank	\$31,475	\$31,475	\$31,475
Gnarus Advisors, LLC	\$19,435	\$18,822	\$18,822
LECG LLC	\$17,950	\$17,950	\$17,950
SCS Engineers	\$14,099	\$14,099	\$14,099
Latham & Watkins LLP	\$10,000	\$10,000	\$10,000
ERG - Travel	\$3,086	\$3,086	\$0
CM Richards	\$1,883	\$1,883	\$0
TOTAL	\$57,869,166	\$52,820,661	\$51,866,665

1. The Invoiced Amount for Jenner & Block includes approximately \$1.997 million in fees, with the remaining amount for expenses. The expenses include Outside Professional Services paid by Jenner & Block for certain AUS Consultant Costs. The AUS Consultant Costs for each vendor reflect costs invoiced and paid either directly or through Jenner & Block. While the Jenner & Block Invoiced Amount reflects the total billed amount (fees and expenses), the Paid Amount only includes the amount paid for legal fees and non-Outside Professional Services expenses to avoid any double counting since any billed Outside Professional Services were captured in the Paid Amount for certain vendors in the AUS Consultant Costs.

SCHEDULE C1***Summary of Costs Excluded as Double-Counting and Payment Discrepancies by Vendor***

<i>Vendor</i>	<i>Excluded as Double-Counting</i>	<i>Payment Discrepancies¹</i>	<i>Notes</i>
Conestoga-Rovers & Associates	-	\$107,788	Paid amounts differ from invoiced amounts on two invoices.
ELM Consulting LLC	-	\$11	Paid amount differs from invoiced amounts on one invoice.
Gnarus Advisors, LLC	-	\$613	Paid amount differs from invoiced amount on one invoice.
Jenner & Block	\$4,403,549	-	Outside Professional Services and Consulting fees billed through Jenner & Block removed to avoid potential double-counting of costs with actual vendor invoices.
NewFields (RI/FS)	-	\$48,602	Paid amounts differ from invoiced amounts on three invoices.
Polsinelli PC	-	\$1,024	Paid amount differs from invoiced amount on one invoice.
Shannon & Wilson	-	\$423	Paid amounts differ from invoiced amounts on two invoices.
U.S. Department of the Interior	-	\$485,642	Paid amounts differ from invoiced amounts on four invoices.
USA Environmental, Inc.	-	\$852	Paid amount differs from invoiced amount on one invoice.
TOTAL	\$4,403,549	\$644,954	

Note:

1. Payment discrepancies under \$1 not included.

SCHEDULE C2***Summary of Costs Excluded as Not Related by Vendor***

<i>Vendor</i>	<i>Excluded as Not Related</i>	<i>Notes</i>
CM Richards	\$1,883	All invoices for this vendor removed.
Conestoga-Rovers & Associates	\$1,000	Unknown activity on one invoice.
ERG - Project Management	\$32,496	All invoices for this vendor removed.
ERG - Travel	\$3,086	All invoices for this vendor removed.
Jenner & Block	\$749,929	Redacted tasks and expenses removed per Duffin affidavit.
NewFields (Mediation)	\$50	Unknown activity on one invoice.
NewFields (RI/FS)	\$82,395	Costs associated with "PRP Allocation" tasks removed.
Polsinelli PC	\$83,079	Redacted tasks on invoices removed.
Shannon & Wilson	\$76	Late fee on one invoice removed.
TOTAL	\$953,996	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CARDNO ENTRIX						
1/23/2005	0021274	71331010	Crab Orchard	RI/FS and NRDA Project Direction <i>Professional Personnel, Reimbursable Expenses, Additional Fees</i>	\$47,728.44	
9/30/2005	0020089	71331010	Crab Orchard	RI/FS and NRDA Project Direction <i>Professional personnel, additional fees</i>	\$6,825.00	
10/19/2005	0020253	71331010	Crab Orchard	RI/FS and NRDA Project Direction <i>Professional Personnel, Reimbursable Expenses, Additional Fees</i>	\$4,555.67	
11/30/2005	0020681	71331010	Crab Orchard	RI/FS and NRDA Project Direction <i>Professional Personnel, Additional Fees</i>	\$2,990.00	
12/12/2005	0020832	71331010	Crab Orchard	RI/FS and NRDA Project Direction <i>Professional Personnel, Additional Fees</i>	\$3,250.00	
2/17/2006	0021590	71331010	Crab Orchard	RI/FS and NRDA Project Direction <i>Professional Personnel, Reimbursable Expenses, Additional Fees</i>	\$61,307.35	
3/21/2006	0021891	71331010	Crab Orchard	RI/FS and NRDA Project Direction <i>Professional Personnel, Reimbursable Expenses, Additional Fees</i>	\$38,817.67	
4/24/2006	0022403	71331010	Crab Orchard	RI/FS and NRDA Project Direction <i>Professional Personnel, Additional Fees</i>	\$39,425.10	
5/17/2006	0022752	71331010	Crab Orchard	RI/FS and NRDA Project Direction <i>Professional Personnel, Reimbursable Expenses, Additional Fees</i>	\$33,036.20	
6/13/2006	0023228	71331010	Crab Orchard	RI/FS and NRDA Project Direction <i>Professional Personnel, Reimbursable Expenses, Additional Fees</i>	\$63,793.48	
7/28/2006	0023792	71331010	Crab Orchard	RI/FS and NRDA Project Direction <i>Professional Personnel, Reimbursable Expenses, Additional Fees</i>	\$57,532.93	
8/7/2006	0023899	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management, Meetings, Mobilization and Demobilization, Surface Water & Sediment Sampling (multiple Sites), Data Validation</i>	\$120,899.23	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CARDNO ENTRIX						
8/24/2006	0024282	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management, Risk Assessment Support, Surface & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation</i>	\$60,331.79	
9/13/2006	0024517	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management, Meetings, Contingency, Risk Assessment Support, Mobilization and Demobilization, Receipt of Lab Results (multiple Sites), Surface Water & Sediment Sampling (multiple Sites), Data Validation</i>	\$55,266.50	
10/20/2006	0025185	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management, Meetings, Contingency, Risk Assessment Support, Mobilization and Demobilization, Surface Water & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation</i>	\$146,918.23	
11/14/2006	0025582	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management, Meetings, Contingency, Risk Assessment Support, Surface Water & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation</i>	\$222,177.58	
12/8/2006	0025868	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management, Meetings, Risk Assessment Support, Mobilization and Demobilization, Surface Water & Sediment Sampling (multiple sites), Receipt of Lab Results (multiple Sites), Data Validation</i>	\$232,176.87	
1/16/2007	0026467	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management, Meetings, Contingency, Risk Assessment Support, Surface Water & Sediment Sampling (multiple sites), Receipt of Lab Results (multiple Sites), Data Validation</i>	\$365,236.39	
2/20/2007	0027032	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management, Meetings, Contingency, Risk Assessment Support, Mobilization and Demobilization, Surface Water & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation</i>	\$300,635.48	
3/16/2007	0027323	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management, Monthly Progress Data Rpts., Meetings, Risk Assessment Support, Mobilization and Demobilization, Surface Water & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation</i>	\$682,220.36	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CARDNO ENTRIX						
4/16/2007	0027641	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management, Data Collection Summary, Meetings, Risk Assessment Support, Surface Water & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation</i>	\$596,859.75	
5/18/2007	0028330	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data collection summary, risk assessment support, receipt of lab results (multiple sites), surface water and sed sampling (multiple sites), data validation</i>	\$232,590.76	
6/7/2007	0028624	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, meetings, risk assessment support, surface water and sediment sampling (multiple sites), receipt of lab results (multiple sites), data validation</i>	\$139,150.93	
8/13/2007	0029578	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data collection summary, risk assessment support, Stage 2-receipt lab results (multiple sites), data validation PHI-St 1, data valid. PHI-Stage 2 ENTRIX</i>	\$82,074.59	
8/27/2007	0029887	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data collection summary, meetings, risk assessment support PHI-St 1, receipt of lab results (multiple sites), data validation PHI- St 1, data valid. PHI-Stage 2 ENTRIX</i>	\$142,894.34	
9/13/2007	0030106	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management and data collection/validation</i>	\$36,045.49	
10/5/2007	[20071005]			[Scope of services unknown] <i>[Rounding on wire]</i>	\$0.07	X
10/26/2007	0030896	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data collection and data validation</i>	\$25,026.87	
11/9/2007	0031102	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data collection and receipt of lab results (multiple sites), meetings</i>	\$73,270.91	

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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CARDNO ENTRIX						
12/14/2007	0031776	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data collection summary, receipt of lab results (multiple sites), risk assessment support, mobilization and demobilization, meetings, data validation PHI-Stage 2</i>	\$75,137.52	
1/21/2008	0032297	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, monthly progress data rpts, data collection summary, mobilization and demobilization, Stage 2B-receipt lab results (multiple sites), data validation, risk assessment support, expenses</i>	\$244,513.98	
2/21/2008	0032892	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, monthly progress data reports, data collection summary, meetings, risk assessment support, receipt of lab results and data validation (multiple sites)</i>	\$78,367.26	
3/17/2008	0033340	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data collection summary, meetings, risk assessment support, data validation</i>	\$92,083.90	X
4/9/2008	0033566	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, meetings</i>	\$25,280.11	
5/27/2008	0034885	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data collection summary, meetings, receipt of lab results (multiple sites), data validation</i>	\$28,322.01	
6/19/2008	0035858	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data collection summary, data validation, expenses</i>	\$34,088.42	
7/21/2008	0036898	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data collection summary, meetings, project management, data validation</i>	\$8,279.76	
8/15/2008	0037609	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$1,448.20	
9/29/2008	0039279	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CARDNO ENTRIX						
				<i>Project management</i>	\$15,994.04	
10/22/2008	0040301	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management</i>	\$6,600.51	
11/21/2008	0042414	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, receipt of lab results</i>	\$14,764.39	
12/16/2008	0042031	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management</i>	\$4,588.32	
1/26/2009	0043121	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management</i>	\$3,796.22	
2/12/2009	0043424	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management</i>	\$15,967.71	
3/20/2009	0044870	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, meetings, mobilization and demobilization, surface water & sediment sampling (multiple sites), data validation (Entrix)</i>	\$117,510.94	
4/17/2009	0045362	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, meetings, surface water & sediment sampling (multiple sites), receipt of lab results (multiple sites), data validation, DI water, organic free water, courier fees</i>	\$140,539.78	
5/12/2009	0046075	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, data reporting, surface water & sediment sampling (multiple sites), receipt of lab results (multiple sites), courier fees</i>	\$185,663.44	
6/10/2009	0047024	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, agency negotiations, surface water & sediment sampling (multiple sites), receipt of lab results (multiple sites), data validation (EcoChem), DI water</i>	\$128,630.41	
7/8/2009	0047677	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		

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CARDNO ENTRIX						
				<i>Project management, risk assessment report, mobilization and demobilization, receipt of lab reports (multiple sites), data validation, DI water, organic free water, courier fees</i>	\$71,202.22	
8/12/2009	0048727	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, receipt of lab results (multiple sites), data validation (Entrix), data validation (EcoChem), DI water, courier fees</i>	\$91,503.90	
9/10/2009	0049617	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, data validation, DI water</i>	\$26,407.70	
10/8/2009	0050492	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, receipt of lab results (multiple sites), data validation, DI water</i>	\$142,516.11	
11/11/2009	0051385	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, receipt of lab results (multiple sites), data validation, document storage</i>	\$68,721.89	
12/3/2009	0052068	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, receipt of lab results (site 4W), data validation, DI water</i>	\$46,479.49	
1/12/2010	0053145	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, receipt of lab results (multiple sites), risk assessment support, data validation (Entrix, EcoChem), DI water</i>	\$129,127.86	
2/12/2010	0054148	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, receipt of lab results (multiple sites), data validation (Entrix), DI water</i>	\$36,329.31	
3/10/2010	0054774	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, receipt of lab results (Site 2P), data validation (Entrix)</i>	\$33,488.29	
4/12/2010	0055917	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, data validation (Entrix and EcoChem)</i>	\$50,617.98	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CARDNO ENTRIX						
5/18/2010	0056861	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, receipt of lab results (multiple sites), risk assessment support, data validation (Entrix)</i>	\$34,896.53	
6/14/2010	0057586	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support, receipt of lab results (multiple sites), data validation (Entrix), DI water</i>	\$17,697.10	
7/2/2010	0058127	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support, data validation (Entrix and EcoChem)</i>	\$14,438.41	
9/22/2010	0060400	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, meetings, risk assessment support, data validation (Entrix & EcoChem)</i>	\$57,233.89	
10/25/2010	0061409	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support</i>	\$3,596.57	
11/22/2010	0062134	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support, data validation (Entrix)</i>	\$39,112.46	
12/14/2010	0062947	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support, data validation (EcoChem)</i>	\$11,541.36	
1/24/2011	0064106	7163101	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support</i>	\$28,553.20	
2/21/2011	0064920	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support</i>	\$4,828.48	
3/9/2011	0065215	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support</i>	\$21,683.34	
4/15/2011	0066419	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support</i>	\$6,022.53	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CARDNO ENTRIX						
5/20/2011	0067299	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support</i>	\$2,957.45	
6/16/2011	0068095	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (EcoChem)</i>	\$4,252.14	
8/15/2011	0069915	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support</i>	\$4,399.20	
8/17/2011	0069957	71631010.02	Crab Orchard	Provide Ecological RA <i>Professional services</i>	\$1,248.00	
9/19/2011	0070827	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$3,182.40	
10/24/2011	0071740	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data reporting, meetings, risk assessment support</i>	\$6,798.68	
11/10/2011	0072430	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support, data validation (EcoChem)</i>	\$2,085.84	
12/12/2011	0073310	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support</i>	\$15,207.40	
1/20/2012	0074656	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data reporting, agency negotiations</i>	\$40,218.10	
2/20/2012	0075788	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support, data reporting, data validation (EcoChem)</i>	\$22,675.04	
3/21/2012	0076530	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, risk assessment support, data validation (EcoChem)</i>	\$9,914.88	
4/18/2012	0077214	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$1,560.00	

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CARDNO ENTRIX						
5/21/2012	0078300	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (EcoChem)</i>	\$1,473.76	
6/7/2012	0078925	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$1,248.00	
7/16/2012	0080137	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$1,560.00	
8/17/2012	0081394	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (EcoChem)</i>	\$3,472.08	
9/19/2012	0082252	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$1,632.80	
10/11/2012	0083059	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$1,128.40	
11/14/2012	0084113	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix & EcoChem)</i>	\$5,856.77	
12/27/2012	0085405	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$995.20	
1/17/2013	0086045	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Data validation (Entrix)</i>	\$1,872.00	
2/22/2013	0087021	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data reporting, receipt of lab results (Site 69), data validation (Entrix & EcoChem)</i>	\$10,661.21	
3/20/2013	0087734	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, agency negotiations, risk assessment support, data validation (Entrix)</i>	\$8,049.60	
4/18/2013	0088329	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$2,699.89	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CARDNO ENTRIX						
5/22/2013	0089384	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix & EcoChem)</i>	\$1,534.12	
6/27/2013	0090307	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$624.00	
7/25/2013	0091068	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$1,008.80	
8/21/2013	0092153	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (EcoChem)</i>	\$1,528.21	
8/29/2013	0092565	71631010.01	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$959.62	
11/14/2013	94785	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$3,255.28	
12/23/2013	96160	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$449.50	
1/22/2014	97007	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$1,008.80	
2/18/2014	97828	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$11,243.08	
3/21/2014	99027	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$3,108.38	
4/10/2014	99635	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, meetings, risk assessment support</i>	\$8,318.48	
5/21/2014	101089	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, meetings, risk assessment support</i>	\$10,939.90	
6/19/2014	101881	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CARDNO ENTRIX						
				<i>Project management, meetings, risk assessment support</i>	\$14,327.88	
7/25/2014	103274	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, surface water & sediment sampling (Site 002), data validation (Entrix)</i>	\$14,450.80	
8/26/2014	104301	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, surface water & sediment sampling (Site 002), data validation (Entrix)</i>	\$9,757.50	
9/26/2014	105486	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, mobilization and demobilization, receipt of lab results (multiple sites), surface water & sediment sampling (multiple sites), data validation (Entrix)</i>	\$47,061.89	
10/30/2014	106400	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, surface water & sediment sampling (Sites 11S & 8S), data validation (Entrix)</i>	\$18,969.60	
5/5/2015	160476	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, surface water & sediment sampling (multiple sites), risk assessment support, mobilization and demobilization, data validation (Entrix), receipt of lab results (multiple sites)</i>	\$74,840.76	
6/12/2015	164334	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Risk assessment support, receipt of lab results (multiple sites), surface water & sediment sampling (multiple sites), document storage</i>	\$10,697.74	
6/12/2015	164378	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, risk assessment support, surface water & sediment sampling (Site 8S), receipt of lab results (Site 8S), data validation (Entrix)</i>	\$9,568.11	
7/9/2015	166771	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		X
				<i>Project management, risk assessment support, mobilization and demobilization, surface water & sediment sampling (multiple sites), data validation (Entrix)</i>	\$42,573.94	
9/2/2015	172029	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management</i>	\$3,656.32	

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CARDNO ENTRIX						
9/14/2015	173203	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$1,404.00	
10/9/2015	175657	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (EcoChem)</i>	\$25,083.50	
11/16/2015	179222	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, document storage</i>	\$2,914.60	
12/14/2015	182043	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$2,076.10	
1/12/2016	184393	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$1,248.00	
2/11/2016	187315	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$1,286.35	
3/14/2016	190008	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$780.00	
4/13/2016	192619	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$1,981.20	
5/19/2016	195929	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$2,340.00	
6/16/2016	198674	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management</i>	\$2,184.00	
7/13/2016	200977	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$3,671.85	
8/22/2016	204396	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Entrix)</i>	\$4,345.27	
9/14/2016	206689	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CARDNO ENTRIX						
				<i>Project management, data validation (Entrix)</i>	\$2,627.95	
10/24/2016	210390	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management</i>	\$1,823.90	
11/21/2016	213065	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, receipt of lab results (Site 9)</i>	\$1,374.00	
12/15/2016	215369	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management</i>	\$1,223.95	
1/25/2017	218649	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management</i>	\$3,875.95	
2/21/2017	221283	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management</i>	\$1,684.80	
3/24/2017	224191	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management</i>	\$1,092.00	
4/24/2017	226763	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management</i>	\$2,886.00	
5/24/2017	230056	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, Document storage</i>	\$5,288.00	
6/16/2017	232390	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, Document storage</i>	\$2,510.00	
7/20/2017	235681	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, receipt of lab results (Sites 4W and 001), data validation (Entrix & EcoChem), document storage</i>	\$6,885.00	
8/14/2017	238232	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, Document storage</i>	\$2,168.00	
9/22/2017	241608	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically		
				<i>Project management, document storage</i>	\$1,544.00	
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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CARDNO ENTRIX						
10/26/2017	244206	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, document storage</i>	\$3,650.00	
11/21/2017	245890	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Cardno), document storage</i>	\$5,600.00	
12/14/2017	247185	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, document storage</i>	\$9,344.00	
1/26/2018	249220	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Cardno), document storage</i>	\$8,798.00	
2/20/2018	250546	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, document storage</i>	\$4,196.00	
6/26/2018	256973	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, receipt of lab results (multiple sites)</i>	\$16,887.50	
6/29/2018	257241	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Cardno), document storage</i>	\$5,288.00	
7/17/2018	258125	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, receipt of lab results (multiple sites), data validation (Cardno), document storage</i>	\$10,349.62	
8/14/2018	259920	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, receipt of lab results (multiple sites), document storage</i>	\$12,822.00	
8/23/2018	260271	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, receipt of lab results (multiple sites), data validation (Cardno, EcoChem), document storage</i>	\$12,220.00	
8/29/2018	260465	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Cardno)</i>	\$3,198.00	
9/27/2018	262067	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation (Cardno)</i>	\$3,120.00	

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CARDNO ENTRIX						
10/12/2018	262889	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, data validation - Cardno</i>	\$1,248.00	
11/7/2018	264209	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, receipt of lab results (multiple sites), data validation (Cardno), data validation (EcoChem), document storage</i>	\$7,581.00	
12/21/2018	266814	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management, document storage</i>	\$3,166.00	
1/25/2019	268211	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, document storage</i>	\$1,466.00	
2/5/2019	268681	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, document storage</i>	\$1,232.00	
3/5/2019	269995	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, document storage</i>	\$764.00	
4/16/2019	271882	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, document storage</i>	\$608.00	
5/29/2019	274102	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Document storage</i>	\$140.00	
6/18/2019	275214	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project management, document storage</i>	\$514.00	
9/18/2019	280170	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management</i>	\$156.00	
10/23/2019	282091	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management</i>	\$312.00	
1/6/2020	285921	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically <i>Project Management</i>	\$156.00	

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CARDNO ENTRIX						
2/27/2020	288461	7163101001	Crab Orchard	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically Project Management, Document Storage	\$1,512.00	
Total Cardno ENTRIX					\$6,674,272	
CITIBANK (ESCROW AGENT)						
4/1/2014	[20140401]	3:11-cv-00399 JPG/DGW		Consent Decree Regarding the Crab Orchard Site 36 Superfund Site and United States v. Schlumberger Technology Corp. et al Total	\$1,614,812.50	
Total Citibank (Escrow Agent)					\$1,614,813	
CM RICHARDS						
9/18/2019	[20190918]			Curt M. Richards expenses Total	\$1,186.27	X
3/31/2020	[20200331]			Curt M. Richards expenses Total	\$697.00	X
Total CM Richards					\$1,883	
CONESTOGA-ROVERS & ASSOCIATES						
3/17/2003	23857	031756	General Dynamics - Crab Orchard - Preparation of Plans	Support activities related to development of the RI/FS work plan. Preparation of Plans	\$4,087.25	
4/30/2003	25459	031756	General Dynamics - Crab Orchard - Preparation of Plans	Preparation of Field Sampling and Analysis Plan and Health and Safety Plan, meetings, assistance to ELM for QAPP development, additional site activity and administrative tasks. Preparation of Plans	\$46,746.63	
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CONESTOGA-ROVERS & ASSOCIATES						
5/20/2003	26335	031756	General Dynamics - Crab Orchard - Preparation of Plans	Preparation of FASP and HSP; Assist ELM in QAPP development; Participate in conference calls and discussions. <i>Preparation of Plans</i>	\$4,374.32	
7/29/2003	29246	031756	General Dynamics - Crab Orchard - Preparation of Plans	Preparation of FASP and HSP; Assist ELM in QAPP development; CADD drafting support to NewFields; Assistance with database; Participate in conference calls and discussions. <i>Preparation of Plans</i>	\$28,556.49	
8/25/2003	30482	031756	General Dynamics - Crab Orchard - Preparation of Plans	Preparation of FASP and HSP; Review draft RI/FS Work Plan; Assist ELM for QAPP development; CADD drafting support to NewFields; Finalize/Issue plans; Participate in meetings and discussions. <i>Preparation of Plans</i>	\$28,628.39	
9/19/2003	31450	031756	General Dynamics - Crab Orchard - Preparation of Plans	Preparation of cost estimate for revised work scope in the RI report submitted to US EPA; Participation in meeting at Jenner & Block's office. <i>Preparation of Plans</i>	\$9,200.02	X
10/24/2003	32969	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional Fees and Expenses <i>Preparation of Plans</i>	\$491.92	
12/16/2003	36430	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional Fees and Expenses <i>Preparation of Plans</i>	\$270.17	
1/14/2004	37243	031756	General Dynamics - Crab Orchard - Preparation of Plans	Services related to responding to EPA/FWS comments on the RI/FS work plan. <i>Preparation of Plans</i>	\$4,924.86	
2/17/2004	38651	031756	General Dynamics - Crab Orchard - Preparation of Plans	Services related to responding to EPA/FWS comments on the RI/FS work plan. <i>Preparation of Plans</i>	\$9,936.82	
3/24/2004	40082	031756	General Dynamics - Crab Orchard - Preparation of Plans	Services related to responding to EPA/FWS comments on the RI/FS work plan. <i>Preparation of Plans</i>	\$2,895.95	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CONESTOGA-ROVERS & ASSOCIATES						
4/29/2004	41571	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services related to finalizing/issuing the RI/FS work plan. <i>Preparation of Plans</i>		\$20,257.21
5/21/2004	42558	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services related to finalizing/issuing the RI/FS work plan. <i>Preparation of Plans</i>		\$935.88
6/17/2004	43609	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services related to RI/FS work plan support. <i>Preparation of Plans</i>		\$930.80
9/30/2004	49624	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services related to RI/FS work plan support. <i>Preparation of Plans</i>		\$248.50
10/26/2004	51484	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services related to RI/FS work plan support. <i>Preparation of Plans</i>		\$336.50
3/23/2005	61131	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional Fees and Expenses <i>Preparation of Plans</i>		\$959.48
4/19/2005	63143	031756	General Dynamics - Crab Orchard - Preparation of Plans	Tasks related to general conditions and planning related to general conditions and planning related to mobilization for the RI, review of US EPA's final determination, and participation in discussions and conference calls with project personnel. <i>Preparation of Plans</i>		\$6,596.85
5/18/2005	65481	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services related to general coordination and planning related to mobilization for the RI. <i>Preparation of Plans</i>		\$271.49
7/20/2005	69914	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services for miscellaneous tasks related to support of New Fields negotiations with the Agencies. <i>Preparation of Plans</i>		\$567.63

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CONESTOGA-ROVERS & ASSOCIATES						
8/23/2005	72001	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services for initial activities associated with revision of the RI/FS Work Plan. <i>Preparation of Plans</i>		\$1,811.82
9/20/2005	74076	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services for initial preparation of response to comments, revision of the Sampling and Analysis Plan and Quality Assurance Project Plan, and document production for Agency submittal. <i>Preparation of Plans</i>		\$13,707.04
10/18/2005	75662	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services related to issuing copies of the revised Sampling and Analysis Plan and Health and Safety Plan to the Agencies and disbursements related to the same. <i>Preparation of Plans</i>		\$3,731.72
11/22/2005	79011	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services included discussion with NewFields related to the RI/FS schedule. <i>Preparation of Plans</i>		\$210.28
1/23/2006	83566	031756	General Dynamics - Crab Orchard - Preparation of Plans	Professional services included revision of the RI/FS Work Plan and associated documents and initiation of mobilization activities related to the RI/FS. <i>Preparation of Plans</i>		\$11,173.74
2/27/2006	86417	031756	General Dynamics - Crab Orchard	Professional Fees and Expenses <i>Meetings</i> <i>Mobilization Activities</i> <i>Preparation of Plans</i>		\$7,948.97 \$7,420.80 \$13,914.95
3/28/2006	89029	031756	General Dynamics - Crab Orchard	Professional Fees and Expenses <i>Meetings</i> <i>Mobilization Activities</i> <i>Preparation of Plans</i> <i>Project Management & Coordination</i>		\$360.61 \$12,290.10 \$15,218.15 \$403.87
4/21/2006	90941	031756	General Dynamics - Crab Orchard	Professional Fees and Expenses		

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CONESTOGA-ROVERS & ASSOCIATES						
				<i>Meetings</i>	\$4,675.01	
				<i>Mobilization Activities</i>	\$2,880.09	
				<i>Preparation of Plans</i>	\$6,634.60	
				<i>Project Management & Coordination</i>	\$173.50	
5/25/2006	93027	031756	General Dynamics - Crab Orchard	Professional Fees and Expenses		
				<i>Meetings</i>	\$199.50	
				<i>Mobilization Activities</i>	\$15,257.06	
				<i>Preparation of Plans</i>	\$6,804.57	
				<i>Project Management & Coordination</i>	\$454.00	
8/3/2006	99003	031756	General Dynamics - Crab Orchard	Professional Fees and Expenses		
				<i>Daily, Weekly & Monthly Reporting</i>	\$1,220.50	
				<i>Meetings</i>	\$15,372.30	
				<i>Mobilization Activities</i>	\$26,187.61	
				<i>Ongoing Expenses</i>	\$4,588.44	
				<i>Project Management & Coordination</i>	\$4,275.02	
8/3/2006	99005	031756	General Dynamics - Crab Orchard	Professional Services		
				<i>Total fees earned at various Additional and Uncharacterized Sites</i>	\$86,105.44	
8/25/2006	101092	031756	General Dynamics - Crab Orchard	Professional Services		
				<i>Daily, Weekly & Monthly Reporting</i>	\$5,883.50	
				<i>Meetings</i>	\$125.00	
				<i>Ongoing Expenses</i>	\$40,688.62	
				<i>Project Management & Coordination</i>	\$19,029.96	
8/25/2006	101094	031756	General Dynamics - Crab Orchard	Professional Services - Field Investigation		
				<i>Field investigation at various Additional and Uncharacterized Sites</i>	\$222,229.60	
9/19/2006	103231	031756	General Dynamics - Crab Orchard	CONWR RI Phase I		

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CONESTOGA-ROVERS & ASSOCIATES						
				<i>Daily, Weekly & Monthly Reporting</i>	\$2,508.50	
				<i>Mobilization Activities</i>	(\$34.15)	
				<i>Ongoing Expenses</i>	\$2,818.53	
				<i>Project Management & Coordination</i>	\$10,544.67	
9/19/2006	103233	031756	General Dynamics - Crab Orchard	Remedial Investigation and Technical Assistance		X
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$189,648.77	
11/3/2006	107288	031756	General Dynamics - Crab Orchard	CONWR RI Phase I		
				<i>Daily, Weekly & Monthly Reporting</i>	\$9,830.30	
				<i>Ongoing Expenses</i>	\$8,518.37	
				<i>Preliminary Site Characterization</i>	\$11,545.50	
				<i>Project Management & Coordination</i>	\$23,876.69	
11/3/2006	107290	031756	General Dynamics - Crab Orchard	Remedial Investigation and Technical Assistance		
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$227,862.77	
12/1/2006	[20061201]	031756	General Dynamics - Crab Orchard	Add-on costs for the period May 29 through September 30, 2006 associated with the global change order approved by GDOTS for work conducted during this period but previously invoiced at lower unit rates.		
				<i>CONWR RI Phase I - Change Order Additional Costs for various AUS OUs</i>	\$57,474.42	
12/6/2006	109869	031756	General Dynamics - Crab Orchard	Professional Services		
				<i>Daily, Weekly & Monthly Reporting</i>	\$11,165.56	
				<i>Ongoing Expenses</i>	\$190.56	
				<i>Preliminary Site Characterization</i>	\$7,027.37	
				<i>Project Management & Coordination</i>	\$11,356.68	
12/6/2006	109910	031756	General Dynamics - Crab Orchard	Remedial Investigation and Technical Assistance		X

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CONESTOGA-ROVERS & ASSOCIATES						
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$346,019.31	
12/6/2006	110056	031756	General Dynamics - Crab Orchard	Remedial Investigation and Technical Assistance		
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$309,696.19	
12/7/2006	110043	031756	General Dynamics - Crab Orchard	Professional Services		
				<i>Daily, Weekly & Monthly Reporting</i>	\$5,341.63	
				<i>Ongoing Expenses</i>	\$11,264.97	
				<i>Preliminary Site Characterization</i>	\$23,201.45	
				<i>Project Management & Coordination</i>	\$12,326.47	
1/18/2007	113026	031756	General Dynamics - Crab Orchard	CONWR RI Phase I		
				<i>Daily, Weekly & Monthly Reporting</i>	\$6,261.89	
				<i>Ongoing Expenses</i>	\$5,604.65	
				<i>Preliminary Site Characterization</i>	\$15,618.18	
				<i>Project Management & Coordination</i>	\$29,327.45	
2/1/2007	114544	031756	General Dynamics - Crab Orchard	Remedial Investigation and Technical Assistance		
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$229,115.49	
2/21/2007	116259	031756	General Dynamics - Crab Orchard	Remedial Investigation and Technical Assistance		
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$284,491.25	
2/22/2007	116333	031756	General Dynamics - Crab Orchard	CONWR RI Phase I		
				<i>Daily, Weekly & Monthly Reporting</i>	\$2,183.80	
				<i>Ongoing Expenses</i>	\$5,576.06	
				<i>Preliminary Site Characterization</i>	\$9,865.60	

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CONESTOGA-ROVERS & ASSOCIATES						
				<i>Project Management & Coordination</i>	\$16,258.90	
3/27/2007	119247	031756	General Dynamics - Crab Orchard	CONWR RI		
				<i>Daily, Weekly & Monthly Reporting</i>	\$1,362.52	
				<i>Meetings</i>	\$4,266.00	
				<i>Ongoing Expenses</i>	\$5,550.47	
				<i>Preliminary Site Characterization</i>	\$13,209.00	
				<i>Project Management & Coordination</i>	\$23,311.35	
3/27/2007	119250	031756	General Dynamics - Crab Orchard	Remedial Investigation and Technical Assistance		
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$211,935.55	
4/13/2007	120736	031756	General Dynamics - Crab Orchard	CONWR RI		
				<i>Daily, Weekly & Monthly Reporting</i>	\$1,707.16	
				<i>Meetings</i>	\$143.30	
				<i>Ongoing Expenses</i>	\$1,187.78	
				<i>Preliminary Site Characterization</i>	\$11,970.95	
				<i>Project Management & Coordination</i>	\$17,570.39	
4/13/2007	120738	031756	General Dynamics - Crab Orchard	Remedial Investigation and Technical Assistance		
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$85,518.63	
5/23/2007	123877	031756	General Dynamics - Crab Orchard	CONWR RI		
				<i>Daily, Weekly & Monthly Reporting</i>	\$620.02	
				<i>Ongoing Expenses</i>	\$3,348.79	
				<i>Preliminary Site Characterization</i>	\$19,273.67	
				<i>Project Management & Coordination</i>	\$11,427.38	
5/23/2007	123881	031756	General Dynamics - Crab Orchard	Remedial Investigation and Technical Assistance		

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SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CONESTOGA-ROVERS & ASSOCIATES						
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$17,360.00	
7/12/2007	129115	031756	General Dynamics - Crab Orchard	CONWR RI Phase I		
				<i>Stage 2A Work - Daily, Weekly and Monthly Reporting</i>	\$587.27	
				<i>Stage 2A Work - Ongoing Expenses</i>	\$12,087.41	
				<i>Stage 2A Work - Preliminary Site Characterization</i>	\$10,023.51	
				<i>Stage 2A Work - Project Management & Coordination</i>	\$18,535.20	
7/12/2007	129118	031756	General Dynamics - Crab Orchard	Phase I Stage 2A - Remedial Investigation and Technical Assistance		X
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$147,455.81	
7/20/2007	130270	031756	General Dynamics - Crab Orchard	Phase I Stage 2A Activity		
				<i>Stage 2A Work - Daily, Weekly and Monthly Reporting</i>	\$5,970.50	
				<i>Stage 2A Work - Ongoing Expenses</i>	\$14,272.74	
				<i>Stage 2A Work - Preliminary Site Characterization</i>	\$22,958.34	
				<i>Stage 2A Work - Project Management & Coordination</i>	\$20,075.67	
7/20/2007	130274	031756	General Dynamics - Crab Orchard	Phase I Stage 2A - Remedial Investigation and Technical Assistance		
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$175,665.11	
8/16/2007	132593	031756	General Dynamics - Crab Orchard	Phase I Stage 2A		
				<i>Stage 2A Work - Daily, Weekly and Monthly Reporting</i>	\$4,227.16	
				<i>Stage 2A Work - Ongoing Expenses</i>	\$11,176.87	
				<i>Stage 2A Work - Preliminary Site Characterization</i>	\$5,621.83	
				<i>Stage 2A Work - Project Management & Coordination</i>	\$6,225.65	
8/16/2007	132597	031756	General Dynamics - Crab Orchard	Phase I Stage 2A - Remedial Investigation and Technical Assistance		
				<i>AUS001 - Slug Testing</i>	\$657.50	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CONESTOGA-ROVERS & ASSOCIATES						
10/5/2007	138178	031756	General Dynamics - Crab Orchard	Stage 2A		
				<i>Stage 2A Work - Daily, Weekly and Monthly Reporting</i>	\$4,829.00	
				<i>Stage 2A Work - Ongoing Expenses</i>	\$4,767.47	
				<i>Stage 2A Work - Preliminary Site Characterization</i>	\$938.00	
				<i>Stage 2A Work - Project Management & Coordination</i>	\$1,474.37	
10/24/2007	140437	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - Remedial Investigation and Technical Assistance		
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$14,684.78	
10/24/2007	140436	031756	General Dynamics - Crab Orchard	Stage 2B - CONWR RI		
				<i>Stage 2A Work - Daily, Weekly and Monthly Reporting</i>	\$2,005.25	
				<i>Stage 2A Work - Ongoing Expenses</i>	\$12,003.70	
				<i>Stage 2A Work - Preliminary Site Characterization</i>	\$19,809.17	
				<i>Stage 2A Work - Project Management & Coordination</i>	\$19,878.65	
10/26/2007	M120	031756	General Dynamics - Crab Orchard	Phase I Stage I - Field work including field clearing to support additional sampling activities, along with field surveying and well response testing, and other modifications to the original work scope as required by Fish & Wildlife Services		
				<i>Project Management, Mobilization/Demobilization, Data Reporting, Meetings, Contingency and Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$54,512.93	
11/26/2007	143897	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - Remedial Investigation and Technical Assistance		
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$276,055.92	
11/27/2007	143972	031756	General Dynamics - Crab Orchard	Stage 2B - CONWR RI		X
				<i>Stage 2B Work - Daily, Weekly and Monthly Reporting</i>	\$4,443.51	
				<i>Stage 2B Work - Meetings</i>	\$3,176.00	
				<i>Stage 2B Work - Ongoing Expenses</i>	\$15,536.85	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CONESTOGA-ROVERS & ASSOCIATES						
				Stage 2B Work - Preliminary Site Characterization	\$1,476.00	
				Stage 2B Work - Project Management & Coordination	\$24,730.32	
1/3/2008	147966	031756	General Dynamics - Crab Orchard	Stage 2B - CONWR RI		
				Stage 2B Work - Daily, Weekly and Monthly Reporting	\$12,671.38	
				Stage 2B Work - Meetings	\$2,472.73	
				Stage 2B Work - Ongoing Expenses	\$10,550.29	
				Stage 2B Work - Preliminary Site Characterization	\$4,728.00	
				Stage 2B Work - Project Management & Coordination	\$19,126.86	
1/4/2008	148158	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - Remedial Investigation and Technical Assistance		
				Field investigation at various Additional and Uncharacterized Sites Operable Units	\$283,605.55	
1/31/2008	151298	031756	GW Resampling Activities (ARI)	Groundwater resampling activities conducted at the Crab Orchard Site during Stage 2B.		
				Stage 2B - GW Resampling Activities (ARI)	\$1,634.84	
1/31/2008	151296	031756	General Dynamics - Crab Orchard	Stage 2B - CONWR RI		
				Stage 2B Work - Daily, Weekly and Monthly Reporting	\$697.34	
				Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)	\$9,296.56	
				Stage 2B Work - Preliminary Site Characterization	\$24,341.45	
				Stage 2B Work - Project Management & Coordination	\$13,773.01	
1/31/2008	151408	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - Remedial Investigation and Technical Assistance		
				Field investigation at various Additional and Uncharacterized Sites Operable Units	\$66,151.59	
1/31/2008	151413-151406	031756	General Dynamics - Crab Orchard	One-time lump sum charge for surveying mobilization and ongoing charges for the additional sediment/surface water surveying.		
				Phase I Stage 2B - Sediment/Surface Water Surveying at various Additional and Uncharacterized Sites Operable Units	\$12,400.00	
				Surveying Mobilization	\$1,240.00	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CONESTOGA-ROVERS & ASSOCIATES						
1/31/2008	151297	031756	GW Resampling Activities	Groundwater resampling activities conducted at the Crab Orchard Site during Stage 2B.		
				<i>Stage 2B - GW Resampling Activities</i>	\$646.92	
2/19/2008	153022	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - CONWR RI		
				<i>Stage 2B Work - Daily, Weekly and Monthly Reporting</i>	\$924.50	
				<i>Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)</i>	\$9,326.76	
				<i>Stage 2B Work - Preliminary Site Characterization</i>	\$19,163.79	
				<i>Stage 2B Work - Project Management & Coordination</i>	\$9,106.51	
2/19/2008	152966	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - Remedial Investigation and Technical Assistance		
				<i>Field investigation at various Additional and Uncharacterized Sites Operable Units</i>	\$10,375.00	
3/17/2008	155870-155871	031756	General Dynamics - Crab Orchard	Lump sum charges for mobilization/demobilization and ATV rental for the additional sediment/surface water surveying.		X
				<i>[Unknown Charge]</i>	\$1,000.00	
				<i>ATV Rental (lump sum)</i>	\$1,000.00	
				<i>Surveying Mobilization/Demobilization (lump sum)</i>	\$1,240.00	
3/18/2008	156006	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - CONWR RI		
				<i>Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)</i>	\$387.00	
				<i>Stage 2B Work - Preliminary Site Characterization</i>	\$9,361.04	
				<i>Stage 2B Work - Project Management & Coordination</i>	\$4,631.00	
4/15/2008	158687	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - CONWR RI		
				<i>Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)</i>	\$1,442.76	
				<i>Stage 2B Work - Preliminary Site Characterization</i>	\$17,679.50	
				<i>Stage 2B Work - Project Management & Coordination</i>	\$3,071.77	
5/16/2008	162588	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - CONWR RI		

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CONESTOGA-ROVERS & ASSOCIATES						
				Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)	\$25.00	
				Stage 2B Work - Preliminary Site Characterization	\$9,319.38	
				Stage 2B Work - Project Management & Coordination	\$1,094.17	
6/6/2008	164500	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - CONWR RI		
				Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)		(\$14.89)
				Stage 2B Work - Preliminary Site Characterization	\$103.52	
				Stage 2B Work - Project Management & Coordination	\$409.98	
7/16/2008	168635	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - CONWR RI		
				Stage 2B Work - Preliminary Site Characterization	\$2,400.50	
				Stage 2B Work - Project Management & Coordination	\$1,869.91	
8/19/2008	173321	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - CONWR RI		
				Stage 2B Work - Preliminary Site Characterization	\$4,653.44	
				Stage 2B Work - Project Management & Coordination	\$1,455.00	
9/15/2008	175159	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - CONWR RI		
				Stage 2B Work - Preliminary Site Characterization	\$7,571.18	
				Stage 2B Work - Project Management & Coordination	\$275.93	
10/16/2008	178905	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - CONWR RI		
				Stage 2B Work - Preliminary Site Characterization	\$3,129.22	
				Stage 2B Work - Project Management & Coordination	\$1,224.88	
11/7/2008	181836	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - CONWR RI		
				Stage 2B Work - Preliminary Site Characterization	\$996.96	
				Stage 2B Work - Project Management & Coordination	\$247.69	
12/9/2008	184962	031756	General Dynamics - Crab Orchard	Phase I Stage 2B - CONWR RI		

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
CONESTOGA-ROVERS & ASSOCIATES						
				Stage 2B Work - Preliminary Site Characterization	\$1,253.80	
				Stage 2B Work - Project Management & Coordination	\$124.86	
					Total Conestoga-Rovers & Associates	\$4,542,493
ELM CONSULTING LLC						
10/28/2002	2	00-0082-01	Crab Orchard	Consulting service.		
				Labor and Reimbursable Expenses	\$19,700.26	
12/6/2002	4	00-0082-01	Crab Orchard	Consulting service.		
				Labor and Reimbursable Expenses	\$26,449.88	
12/17/2002	6	00-0082-01	Crab Orchard	Consulting service.		X
				Reimbursable Expenses	\$297.44	
1/6/2003	7	00-0082-01	Crab Orchard	Consulting service.		
				Labor and Reimbursable Expenses	\$19,869.25	
1/30/2003	[20030130]			[Invoice not located; Services defined from additional supporting documents.]		
				Total	\$4,899.70	
2/3/2003	8	00-0082-01	Crab Orchard	Consulting service.		
				Eco-working group.	\$1,170.00	
				Site strategic management.	\$33,243.95	
				Work plan preparation.	\$1,170.00	
3/3/2003	9	00-0082-01	Crab Orchard	Consulting service.		
				Site Strategic Management, Eco-Working Group, Work Plan Preparation	\$49,347.38	
4/1/2003	10	00-0082-01	Crab Orchard	Consulting service.		
				Eco-working group	\$7,742.54	
				Site strategic management	\$4,256.06	
				Work plan preparation	\$48,388.60	
4/30/2003	11	00-0082-01	Crab Orchard	Consulting service.		

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ELM CONSULTING LLC						
				<i>Eco-working group</i>	\$6,503.01	
				<i>Site strategic management</i>	\$17,612.30	
				<i>Work plan preparation</i>	\$21,023.14	
6/2/2003	12	00-0082-01	Crab Orchard	Consulting service.		
				<i>Eco-working group</i>	\$1,820.00	
				<i>Site strategic management</i>	\$12,918.83	
				<i>Work plan preparation</i>	\$26,673.40	
7/2/2003	13	00-0082-01	Crab Orchard	Consulting service.		
				<i>Site strategic management</i>	\$1,872.00	
				<i>Work plan preparation</i>	\$57,177.71	
7/31/2003	14	00-0082-01	Crab Orchard	Consulting service.		
				<i>Work plan preparation</i>	\$62,072.20	
9/2/2003	15	00-0082-01	Crab Orchard	Consulting service.		
				<i>Eco-working group</i>	\$78.00	
				<i>Site strategic management</i>	\$6,551.31	
				<i>Work plan preparation</i>	\$12,535.73	
10/6/2003	16	00-0082-01	Crab Orchard	Consulting service.		
				<i>Site strategic management</i>	\$5,444.40	
				<i>Work plan preparation</i>	\$15,933.58	
11/3/2003	17	00-0082-01	Crab Orchard	Consulting service.		
				<i>Site strategic management and work plan preparation</i>	\$2,060.11	
12/31/2003	18	00-0082-01	Crab Orchard	Consulting service.		X
				<i>Site strategic management</i>	\$20,618.80	
2/3/2004	19	00-0082-01	Crab Orchard	Consulting service.		X
				<i>Site strategic management - work plan revisions</i>	\$44,797.91	
3/3/2004	20	00-0082-01	Crab Orchard	Consulting service.		X
				<i>Site strategic management - work plan revisions</i>	\$37,692.62	

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ELM CONSULTING LLC						
3/31/2004	21	00-0082-01	Crab Orchard	Consulting service. <i>Site strategic management - work plan revisions</i>		\$24,551.82
5/5/2004	22	00-0082-01	Crab Orchard	Consulting service. <i>Site strategic management - work plan revisions</i>		\$8,301.80
6/3/2004	23	00-0082-01	Crab Orchard	Consulting service. <i>Site strategic management - work plan revisions</i>		\$8,965.28
6/25/2004	24	00-0082-01	Crab Orchard	Consulting service. <i>Site strategic management - work plan revisions</i>		\$3,335.80
8/5/2004	25	00-0082-01	Crab Orchard	Consulting service. <i>Site strategic management - work plan revisions</i>		\$5,187.00
9/1/2004	26	00-0082-01	Crab Orchard	Consulting service. <i>Site strategic management - work plan revisions</i>		\$8,834.80
9/29/2004	27	00-0082-01	Crab Orchard	Consulting service. <i>RI Implementation</i>		\$4,048.20
11/5/2004	28	00-0082-01	Crab Orchard	Consulting service. <i>Site strategic management - RI Implementation</i>		\$2,321.80
12/8/2004	29	00-0082-01	Crab Orchard	Consulting service. <i>Site strategic management - RI implementation, work plan revisions</i>		\$1,905.80
12/31/2004	30	00-0082	Crab Orchard	Consulting service. <i>Site strategic management - RI implementation, work plan revisions</i>		\$1,734.20
2/7/2005	31	00-0082-01	Crab Orchard	Consulting service. <i>Site strategic management - Work plan revisions</i>		\$2,069.60
3/3/2005	32	00-0082-01	Crab Orchard	Consulting service. <i>Site strategic management - Work plan revisions</i>		\$667.40
4/8/2005	33	00-0082-01	Crab Orchard	Consulting service.		

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ELM CONSULTING LLC						
				<i>Site strategic management - RI implementation, work plan revisions</i>	\$10,704.20	
5/5/2005	34	00-0082-01	Crab Orchard	Consulting service.		
				<i>Site strategic management - work plan revisions</i>	\$15,126.10	
6/2/2005	35	00-0082	Crab Orchard	Consulting service.		
				<i>Site strategic management - work plan revisions</i>	\$26,191.17	
7/7/2005	36	00-0082	Crab Orchard	Consulting service.		
				<i>Site strategic management - work plan revisions</i>	\$13,305.88	
8/4/2005	37	00-0082	Crab Orchard	Consulting service.		
				<i>NRDA, Work plan revisions</i>	\$6,094.17	
9/12/2005	38	00-0082	Crab Orchard	Consulting service.		
				<i>Site strategic management - work plan revisions</i>	\$10,236.14	
Total ELM Consulting LLC					\$723,501	
ERG - PROJECT MANAGEMENT						
1/11/2018	[5550111]			[Scope of services unknown]		X
				<i>Total</i>	\$833.00	
2/13/2018	[5550213]			[Scope of services unknown]		X
				<i>Total</i>	\$833.00	
3/6/2018	[5550306]			[Scope of services unknown]		X
				<i>Total</i>	\$833.00	
4/12/2018	[5550412]			[Scope of services unknown]		X
				<i>Total</i>	\$833.00	
5/16/2018	[5550516]			[Scope of services unknown]		X
				<i>Total</i>	\$833.00	
6/11/2018	[5550611]			[Scope of services unknown]		X
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ERG - PROJECT MANAGEMENT						
				<i>Total</i>	\$833.00	
7/19/2018	[5550719]			[Scope of services unknown]		X
				<i>Total</i>	\$833.00	
8/3/2018	[5550803]			[Scope of services unknown]		X
				<i>Total</i>	\$833.00	
9/12/2018	[5550912]			[Scope of services unknown]		X
				<i>Total</i>	\$833.00	
10/9/2018	[5551009]			[Scope of services unknown]		X
				<i>Total</i>	\$833.00	
11/13/2018	[5551113]			[Scope of services unknown]		X
				<i>Total</i>	\$833.00	
12/6/2018	[5551206]			[Scope of services unknown]		X
				<i>Total</i>	\$833.00	
1/10/2019	[5550119]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	
2/8/2019	[5550210]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	
3/25/2019	[5550325]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	
4/30/2019	[5550430]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	
5/13/2019	[5550513]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	
6/24/2019	[5550624]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	

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ERG - PROJECT MANAGEMENT						
7/10/2019	[5550710]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	
8/31/2019	[5550831]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	
9/20/2019	[5550920]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	
10/15/2019	[5551015]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	
11/14/2019	[5551114]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	
12/3/2019	[5551203]			[Scope of services unknown]		X
				<i>Total</i>	\$1,666.67	
1/29/2020	[5550129]			[Scope of services unknown]		X
				<i>Total</i>	\$833.33	
2/12/2020	[5550212]			[Scope of services unknown]		X
				<i>Total</i>	\$833.33	
3/13/2020	[5550313]			[Scope of services unknown]		X
				<i>Total</i>	\$833.33	
Total ERG - Project Management					\$32,496	

ERG - TRAVEL						
3/7/2018	EE738725A23 C43F485E3			Curtis M. Richards Travel Expenses		X
				<i>Personal Car Mileage</i>	\$10.90	

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ERG - TRAVEL						
3/7/2018	EE738725A23 C43F485E3			Curtis M. Richards Travel Expenses		X
				<i>Airfare, Airline Fees, Hotel, Parking, Public Transport and Taxi</i>	\$1,109.83	
3/7/2018	EE738725A23 C43F485E3			Curtis M. Richards Travel Expenses		X
				<i>Business Meals - White Sox Sports</i>	\$44.69	
				<i>Individual Meals - True Burger</i>	\$17.68	
5/2/2018	A8279F8C47O 34F75B1FC			Curtis M. Richards Travel Expenses		X
				<i>Personal Car Mileage</i>	\$10.90	
5/2/2018	A8279F8C47O 34F75B1FC			Curtis M. Richards Travel Expenses		X
				<i>Airfare, Airline Fees, Hotel, Parking and Taxi Fees</i>	\$1,877.51	
5/2/2018	A8279F8C47O 34F75B1FC			Curtis M. Richards Travel Expenses		X
				<i>Individual Meals - True Burger</i>	\$14.68	
Total ERG - Travel					\$3,086	
GNARUS ADVISORS, LLC						
4/30/2013	2184	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	Professional Services		
				<i>Review and analysis of FWS FY09 claim</i>	\$5,162.50	
10/31/2013	2495	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	Professional Services		
				<i>Review and analysis of FWS FY10 claim</i>	\$3,587.50	
1/31/2014	2669	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	Professional Services		
				<i>Review of FWS FY 2011 claim</i>	\$4,112.50	
Nathan Associates						

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
GNARUS ADVISORS, LLC						
4/30/2015	3608	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	Professional Services		X
				<i>Review of FWS FY 2013 claim</i>	\$3,762.50	
12/31/2015	4151	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	Professional Services		
				<i>Review of FY 2014 FWS claim</i>	\$2,187.50	
1/31/2016	4203	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	Professional Services and Reimbursable Expenses		
				<i>Review of FY 2014 FWS claim</i>	\$622.25	
Total Gnarus Advisors, LLC					\$19,435	
INTESA SANPAOLO S.P.A.						
8/21/2009	[20090821]			Charges due under letter of credit number 093084-793 for the period 4/30/2009 - 6/30/2009.		
				<i>Commission</i>	\$8,525.00	
11/16/2009	[20091116]			Charges due under letter of credit number 093084-793 for the period 7/1/2009 - 9/30/2009.		
				<i>Commission</i>	\$12,650.00	
2/3/2010	[20100203]			Charges due under letter of credit number 093084-793 for the period 10/1/2009 - 12/31/2009.		
				<i>Commission</i>	\$12,650.00	
4/19/2010	[20100419 A]			Charges due under letter of credit number 093084-793 for the period 1/1/2010 - 3/11/2010.		
				<i>Commission</i>	\$9,625.00	
4/19/2010	[20100419 B]			Charges due under letter of credit number 093084-793 for the period 3/12/2010 - 3/31/2010.		
				<i>Commission</i>	\$1,527.78	

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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
INTESA SANPAOLO S.P.A.						
8/4/2010	[20100804]			Charges due under letter of credit number 093084-793 for the period 4/1/2010 - 6/30/2010.		
				<i>Commission</i>	\$6,951.39	
10/29/2010	[20101029]			Charges due under letter of credit number 093084-793 for the period 7/1/2010 - 9/30/2010.		
				<i>Commission</i>	\$7,027.78	
1/11/2011	[20110111]			Charges due under letter of credit number 093084-793 for the period 10/1/2010 - 12/31/2010.		
				<i>Commission</i>	\$7,027.78	
4/21/2011	[20110421]			Charges due under letter of credit number 093084-793 for the period 1/1/2011 - 3/31/2011.		
				<i>Commission</i>	\$6,875.00	
4/30/2011	289			Charges due under letter of credit number 093084-793 for the period 4/1/2011 - 4/30/2011 and notice of cancellation.		
				<i>Commission</i>	\$2,291.67	
Total Intesa Sanpaolo S.p.A.					\$75,151	
JENNER & BLOCK						
2/1/2002	8839443	10001-32633	G.D. OTS - Re: Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,238.36	
				<i>Fees</i>	\$30,130.00	
4/1/2002	8848713	10001-32633	OTS - Re: Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,196.53	
				<i>Fees</i>	\$27,761.25	
				<i>Outside Professional Services</i>	\$33,152.59	
5/1/2002	8851476	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$4,271.43	

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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
JENNER & BLOCK						
				<i>Fees</i>	\$79,898.75	
7/1/2002	8858077	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,721.92	
				<i>Fees</i>	\$34,796.25	
				<i>Outside Professional Services</i>	\$70,841.37	
8/1/2002	8861259	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$2,174.31	
				<i>Fees</i>	\$19,533.75	
9/1/2002	8864635	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$967.08	
				<i>Fees</i>	\$24,885.00	
10/1/2002	8867950	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,617.74	
				<i>Fees</i>	\$38,820.00	
11/1/2002	8871519	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$346.79	
				<i>Fees</i>	\$42,900.00	
				<i>Outside Professional Services</i>	\$103,535.45	
12/1/2002	8874690	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,393.94	
				<i>Fees</i>	\$50,381.25	
1/1/2003	8879357	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,224.58	
				<i>Fees</i>	\$36,547.50	
2/1/2003	8882820	10001-32633	OTS - Re: Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,126.90	
				<i>Fees</i>	\$58,648.50	
3/1/2003	8885927	10001-32633	G.D. OTS - Re: Crab Orchard	Professional services		X

Nathan Associates

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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
JENNER & BLOCK						
				<i>Disbursements</i>	\$1,479.56	
				<i>Fees</i>	\$28,254.37	
4/1/2003	8889666	10001-32633	Ordnance and Tactical Systems - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$2,347.55	
				<i>Fees</i>	\$41,034.37	
				<i>Outside Professional Services</i>	\$279,114.17	
5/1/2003	8892750	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$74.01	
				<i>Fees</i>	\$39,099.37	
6/1/2003	8895847	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$2,530.38	
				<i>Fees</i>	\$46,575.00	
				<i>Outside Professional Services</i>	\$94,485.83	
7/1/2003	8898930	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$742.13	
				<i>Fees</i>	\$10,661.62	
				<i>Outside Professional Services</i>	\$413,955.92	
8/1/2003	8902339	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$165.41	
				<i>Fees</i>	\$12,974.62	
9/1/2003	8905882	10001-32633	OTS - Re: Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$2,918.09	
				<i>Fees</i>	\$52,558.87	
10/1/2003	8909283	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$3,070.46	
				<i>Fees</i>	\$9,459.00	
11/1/2003	8912465	10001-32633	OTS - Crab Orchard	Professional services		X

Nathan Associates

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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
JENNER & BLOCK						
				<i>Consulting Fee</i>	\$513,270.00	
				<i>Disbursements</i>	\$2,502.63	
				<i>Fees</i>	\$30,055.50	
12/1/2003	8915844	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$3,156.29	
				<i>Fees</i>	\$15,175.12	
1/1/2004	8921211	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$495.13	
				<i>Fees</i>	\$38,712.37	
2/1/2004	8924892	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,527.51	
				<i>Fees</i>	\$62,439.75	
				<i>Outside Professional Services</i>	\$119,266.67	
3/1/2004	8928028 Revised	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$3,612.67	
				<i>Fees</i>	\$63,870.75	
4/1/2004	8930802	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,541.57	
				<i>Fees</i>	\$41,779.13	
5/1/2004	8934564	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$687.18	
				<i>Fees</i>	\$22,757.62	
				<i>Outside Professional Services</i>	\$488,368.52	
6/1/2004	8938086	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$804.37	
				<i>Fees</i>	\$25,014.37	
7/1/2004	8940908	10001-32633	OTS - Crab Orchard	Professional services		X

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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
JENNER & BLOCK						
				<i>Disbursements</i>	(\$670.75)	
				<i>Fees</i>	\$13,986.00	
8/1/2004	8945140	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$4,182.38	
				<i>Fees</i>	\$49,558.50	
				<i>Outside Professional Services</i>	\$308,392.23	
9/1/2004	8948972	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$4,626.85	
				<i>Fees</i>	\$101,898.00	
				<i>Outside Professional Services</i>	\$120,737.58	
10/1/2004	8951754	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,586.11	
				<i>Fees</i>	\$11,008.12	
11/1/2004	8955455	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$344.70	
				<i>Fees</i>	\$24,494.62	
12/1/2004	8958738	10001-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$112.92	
				<i>Fees</i>	\$6,018.75	
				<i>Outside Professional Services</i>	\$74,888.02	
1/1/2005	8969106	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$138.75	
				<i>Fees</i>	\$6,435.00	
2/1/2005	8969395	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Consulting Fee</i>	\$3,640.00	
				<i>Disbursements</i>	\$20.25	
				<i>Fees</i>	\$1,004.62	
				<i>Outside Professional Services</i>	\$87,741.55	

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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
JENNER & BLOCK						
3/1/2005	8973164	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$2,559.12	
				<i>Fees</i>	\$21,490.87	
4/1/2005	8976630	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$603.72	
				<i>Fees</i>	\$41,989.50	
				<i>Outside professional services</i>	\$20,094.90	
5/1/2005	8981074	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$3,353.25	
				<i>Fees</i>	\$49,164.75	
6/1/2005	8984848	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$2,299.82	
				<i>Fees</i>	\$41,526.00	
				<i>Outside professional services</i>	\$122,675.51	
7/1/2005	8988627	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$2,212.06	
				<i>Fees</i>	\$17,508.37	
8/29/2005	8991940	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$381.00	
				<i>Fees</i>	\$16,584.75	
				<i>Outside professional services</i>	\$295,673.96	
9/30/2005	8996229	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$256.71	
				<i>Fees</i>	\$11,602.12	
10/1/2005	8999632	44515-32633	OTS - Crab Orchard	Professional services		X
	Revised					
				<i>Disbursements</i>	\$661.79	
				<i>Fees</i>	\$27,880.87	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
JENNER & BLOCK						
11/1/2005	9003680	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$44.63	
				<i>Fees</i>	\$17,683.87	
				<i>Outside professional services</i>	\$248,623.27	
12/1/2005	9007027	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Fees</i>	\$11,316.37	
1/1/2006	9011954	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$380.78	
				<i>Fees</i>	\$8,098.87	
				<i>Outside professional services</i>	\$4,360.00	
2/1/2006	9017905	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$21.20	
				<i>Fees</i>	\$3,557.25	
3/1/2006	9021115	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$23.82	
				<i>Fees</i>	\$6,152.62	
				<i>Outside Professional Services</i>	\$161,061.32	
4/1/2006	9024425	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$110.55	
				<i>Fees</i>	\$5,604.75	
				<i>Outside Professional Services</i>	\$343,851.37	
5/1/2006	9027710	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$142.53	
				<i>Fees</i>	\$16,602.75	
6/1/2006	9030920	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>[Discrepancy in total invoice amount due]</i>	\$54.00	
				<i>Disbursements</i>	\$75.99	
				<i>Fees</i>	\$13,214.25	

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JENNER & BLOCK						
				<i>Outside professional services</i>	\$198,947.36	
7/1/2006	9033965	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,617.69	
				<i>Fees</i>	\$38,884.50	
				<i>Outside professional services</i>	\$48,470.00	
8/1/2006	9037022	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$2,078.89	
				<i>Fees</i>	\$50,189.62	
				<i>Outside professional services</i>	\$188,894.17	
9/1/2006	9040457	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,023.09	
				<i>Fees</i>	\$12,065.62	
10/1/2006	9043537	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$863.34	
				<i>Fees</i>	\$2,461.50	
				<i>Outside professional services</i>	\$58,282.93	
11/1/2006	9046786	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$271.47	
				<i>Fees</i>	\$6,394.50	
3/1/2007	9059794	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$105.31	
				<i>Fees</i>	\$39,722.62	
4/1/2007	9062751	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,216.46	
				<i>Fees</i>	\$41,124.37	
				<i>Outside professional services</i>	\$1,502.39	
5/1/2007	9065731	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$47.92	

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JENNER & BLOCK						
				<i>Fees</i>	\$25,237.12	
6/1/2007	9068803	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,377.07	
				<i>Fees</i>	\$33,195.37	
7/1/2007	9071896	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$12.80	
				<i>Fees</i>	\$6,399.00	
8/1/2007	9075052	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$79.33	
				<i>Fees</i>	\$8,402.62	
9/1/2007	9078040	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,431.01	
				<i>Fees</i>	\$31,254.75	
10/1/2007	9080894	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$104.79	
				<i>Fees</i>	\$44,500.50	
11/1/2007	9084012	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,011.27	
				<i>Fees</i>	\$27,040.50	
12/1/2007	9087654	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$1,218.19	
				<i>Fees</i>	\$24,584.62	
1/1/2008	9091270	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$3.52	
				<i>Fees</i>	\$4,776.75	
2/1/2008	9094162	44515-32633	OTS - Crab Orchard	Professional services		X
				<i>Disbursements</i>	\$231.84	
				<i>Fees</i>	\$10,469.25	
Nathan Associates						

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JENNER & BLOCK						
					Total Jenner & Block	\$6,400,787
LATHAM & WATKINS LLP						
4/26/2018	[20180426]			Crab Orchard Mediation Assessment		
				<i>Crab Orchard Mediation</i>		<i>\$10,000.00</i>
					Total Latham & Watkins LLP	\$10,000
LECG LLC						
9/30/2007	80999		General Dynamics Ordinance & Technical	Professional Services		
				<i>Current Charges</i>		<i>\$8,031.00</i>
9/23/2008	97626		General Dynamics Ordinance & Technical	Professional Services		
				<i>Current Charges</i>		<i>\$2,846.25</i>
1/6/2009	101133		General Dynamics Ordinance & Technical	Professional Services		
				<i>Review of FY 2006 agency response costs</i>		<i>\$2,070.00</i>
2/6/2009	102209		General Dynamics Ordinance & Technical	Professional Services		
				<i>Review of vendor invoices associated with USFWS' FY2006 request for reimbursement</i>		<i>\$690.00</i>
8/24/2009	108944		General Dynamics Ordinance & Technical	Professional Services		
				<i>Review of FWS FY 2007 invoice</i>		<i>\$1,983.75</i>
2/18/2010	114699		General Dynamics Ordinance & Technical	Professional Services		
				<i>Review of DOI/IEPA FY08 invoice; Review of US EPA FY 09 invoice</i>		<i>\$2,328.75</i>
Nathan Associates						

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
LECG LLC						
					Total LECG LLC	\$17,950
MENZIE-CURA & ASSOCIATES, INC.						
1/31/2002	766/1-IN		Crab Orchard - Site Visit	Crab Orchard RA - Participated in initial meetings with the legal team. In addition, travel to St. Louis to meet with legal team, and government representatives and to participate in a tour of the Crab Orchard NPL Site.		
					<i>Labor, Expenses and Travel</i>	<i>\$8,572.05</i>
3/5/2002	766/2-IN		Crab Orchard - Cost Estimation and Screening Review	Risk Assessment - Developed a cost estimate for the portion of the Conceptual Remedial Investigation summarized by URS. Began review of the screening approach and summarized general trends and features that impact RI design.		
					<i>Labor, Expenses and Travel</i>	<i>\$24,580.54</i>
					Total Menzie-Cura & Associates, Inc.	\$33,153
NEWFIELDS (MEDIATION)						
11/5/2017	1503199	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		X
					<i>Mediation Support and SW Documents</i>	<i>\$50.00</i>
12/17/2017	1503259	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
					<i>Labor</i>	<i>\$4,170.00</i>
1/8/2018	1503272	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
					<i>Labor</i>	<i>\$877.50</i>
2/9/2018	1503306	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
					<i>Labor</i>	<i>\$5,122.50</i>
3/13/2018	1503359	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
					<i>Labor and Expenses</i>	<i>\$5,795.40</i>
					<i>SW Documents - Labor</i>	<i>\$2,745.00</i>
4/9/2018	1503392	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
Nathan Associates						

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (MEDIATION)						
				<i>Labor</i>	\$2,445.00	
5/8/2018	1503440	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
				<i>Labor</i>	\$607.50	
6/8/2018	1503492	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
				<i>Labor and Expenses</i>	\$3,901.36	
				<i>Update of Database and GIS</i>	\$720.00	
10/5/2018	1503657	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
				<i>Labor</i>	\$270.00	
4/5/2019	1503885	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
				<i>Labor</i>	\$375.00	
5/6/2019	1503922	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
				<i>Labor and Expenses</i>	\$6,532.08	
7/12/2019	1504045	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
				<i>Labor</i>	\$9,945.00	
4/3/2020	1504452	150.0099.000	Polsinelli - Crab Orchard	Litigation Support		
				<i>Mediation Support</i>	\$11,490.00	
Total NewFields (Mediation)					\$55,046	
NEWFIELDS (RI/FS)						
5/3/2002	3029	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Labor and Direct Expenses</i>	\$7,130.00	
6/5/2002	3182	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Labor and Direct Expenses</i>	\$47,493.49	
7/12/2002	3475	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Labor and Direct Expenses</i>	\$30,159.82	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
8/9/2002	3582	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance <i>Labor and Direct Expenses</i>	\$29,664.08	
9/6/2002	3759	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance <i>Labor and Direct Expenses</i>	\$31,079.73	
10/11/2002	3950	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance <i>Labor and Direct Expenses</i>	\$42,295.90	
11/21/2002	4139	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance <i>Professional Services</i> <i>Program Management</i> <i>RFP/Developmt/Review/Selection</i> <i>Site Scoping Doc/DB/GISAT</i> <i>Work Plan Development/Review</i>	\$35,268.30 \$420.00 \$20,500.00 \$47,380.00 \$4,542.28	
12/13/2002	4263	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance <i>Negotiations of AOC/SOW</i> <i>Professional Services</i> <i>Program Management</i> <i>RFP/Developmt/Review/Selection</i> <i>Site Scoping Doc/DB/GISAT</i>	\$7,260.00 \$5,442.23 \$2,093.75 \$33,498.33 \$19,655.00	
12/19/2002	4294	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance <i>Negotiations of AOC/SOW</i> <i>Professional Services</i> <i>Program Management</i> <i>RFP/Developmt/Review/Selection</i> <i>Site Scoping Doc/DB/GISAT</i> <i>Work Plan Development/Review</i>	\$4,450.00 \$1,037.12 \$963.77 \$10,700.00 \$20,410.00 \$2,000.00	X
1/10/2003	4399	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance <i>Negotiations of AOC/SOW</i> <i>Professional Services</i> <i>Program Management</i>	\$800.00 \$317.73 \$1,760.00	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>RFP/Developmt/Review/Selection</i>	\$4,220.00	
				<i>Site Scoping Doc/DB/GISAT</i>	\$7,375.00	
				<i>Work Plan Development/Review</i>	\$8,231.50	
2/17/2003	4536	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Negotiations of AOC/SOW</i>	\$200.00	
				<i>Professional Services</i>	\$2,526.00	
				<i>Program Management</i>	\$3,860.00	
				<i>RFP/Developmt/Review/Selection</i>	\$34,779.68	
				<i>Site Scoping Doc/DB/GISAT</i>	\$39,755.86	
				<i>Work Plan Development/Review</i>	\$12,325.00	
3/10/2003	4619	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$259.26	
				<i>Project Management</i>	\$3,507.76	
				<i>Site Scoping Doc/DB/GISAT</i>	\$67,446.01	
				<i>Work Plan Development/Review</i>	\$27,494.93	
4/15/2003	4821	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>FWS Lunch Payment</i>	(\$20.00)	
				<i>Meetings and Travel</i>	\$19,777.12	
				<i>Professional Services</i>	\$177.50	
				<i>Program Management</i>	\$3,250.00	
				<i>Site Scoping Doc/DB/GISAT</i>	\$78,058.64	
5/22/2003	5014	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Professional Services</i>	\$2,515.00	
				<i>Program Management</i>	\$13,281.00	
				<i>PRP Allocations</i>	\$18,675.00	
				<i>Site Scoping Doc/DB/GiSAT</i>	\$86,385.29	
				<i>Work Plan Development/Review</i>	\$34,848.74	
6/18/2003	5259	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Meetings and Travel</i>	\$2,509.10	
				<i>Professional Services</i>	\$6,195.70	

Nathan Associates

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Program Management</i>	\$2,922.58	
				<i>PRP Allocations</i>	\$20,950.00	
				<i>RI/FS Report</i>	\$425.00	
				<i>Site Scoping Doc/DB/GISAT</i>	\$10,665.21	
				<i>Work Plan Development/Review</i>	\$19,540.00	
7/15/2003	5394	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Meetings and Travel</i>	\$1,050.19	
				<i>Program Management</i>	\$20.48	
				<i>PRP Allocations</i>	\$3,325.00	
				<i>Work Plan Development/Review</i>	\$91,658.95	
8/13/2003	5668	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Professional Services</i>	\$3,975.00	
				<i>Program Management</i>	\$875.00	
				<i>PRP Allocations</i>	\$7,702.88	
				<i>Work Plan Development/Review</i>	\$113,405.08	
9/12/2003	5909	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Ecological Risk Consultant</i>	\$600.00	
				<i>Meetings and Travel</i>	\$13,289.79	
				<i>Professional Services</i>	\$280.00	
				<i>Program Management</i>	\$1,400.00	
				<i>PRP Allocations</i>	\$9,000.00	
				<i>Work Plan Development/Review</i>	\$6,683.88	
10/3/2003	6063	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Ecological Risk Assessment</i>	\$12,650.00	
				<i>Meetings and Travel</i>	\$9,845.16	
				<i>Program Management</i>	\$9,872.29	
				<i>PRP Allocations</i>	\$600.00	
				<i>Work Plan Development/Review</i>	\$16,360.09	
11/7/2003	6290	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Ecological Risk Consultant</i>	\$739.50	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Meetings and Travel</i>	\$8,796.52	
				<i>Project Management</i>	\$3,112.54	
				<i>PRP Allocations</i>	\$7,187.50	
				<i>Work Plan Development/Review</i>	\$18,849.40	
12/3/2003	6416	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Meetings and Travel</i>	\$3,200.00	
				<i>Program Management</i>	\$4,778.50	
				<i>PRP Allocations</i>	\$5,450.00	
				<i>Work Plan Development/Review</i>	\$9,000.00	
1/15/2004	6695	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Meetings and Travel</i>	\$674.51	
				<i>Project Management</i>	\$9,260.00	
				<i>Site Scoping Doc/DB/GISAT</i>	\$300.00	
				<i>Work Plan Development/Review</i>	\$66,656.85	
2/9/2004	6836	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$12,200.48	
				<i>Program Management</i>	\$9,805.00	
				<i>Work Plan Development/Review</i>	\$84,639.94	
3/8/2004	7051	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Program Management</i>	\$15,552.20	
				<i>Work Plan Development/Review</i>	\$125,586.93	
4/9/2004	7196	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$1,154.89	
				<i>Project Management</i>	\$10,492.95	
				<i>Work Plan Development/Review</i>	\$121,077.56	
5/12/2004	7589	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Program Management</i>	\$5,468.68	
				<i>PRP Allocations</i>	\$1,350.00	
				<i>Work Plan Development/Review</i>	\$40,669.78	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
6/3/2004	7668	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Project Management</i>	\$7,655.00	
				<i>Work Plan Development/Review</i>	\$62,649.91	
7/9/2004	7912	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Program Management</i>	\$6,343.82	
				<i>PRP Allocations</i>	\$1,600.00	
				<i>Work Plan Development/Review</i>	\$43,145.15	
8/5/2004	8208	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Program Management</i>	\$730.00	
				<i>Work Plan Development/Review</i>	\$56,617.53	
9/3/2004	8503	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Program Management</i>	\$427.00	
				<i>Workplan Development/Review</i>	\$87,741.55	
10/8/2004	8756	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Field Work Oversight/Coord.</i>	\$19,985.39	
				<i>Program Management</i>	\$760.00	
				<i>PRP Allocations</i>	\$250.00	
				<i>Work Plan Development/Review</i>	\$6,190.00	
11/3/2004	9016	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$20,748.20	
				<i>Program Management</i>	\$485.00	
				<i>Work Plan Development/Review</i>	\$5,000.71	
12/1/2004	9303	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$49.00	
				<i>Project Management</i>	\$8,405.90	
				<i>Work Plan Development/Review</i>	\$11,640.00	
1/7/2005	9680	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Program Management</i>	\$6,282.18	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Work Plan Development/Review</i>	\$17,765.50	
2/3/2005	9884	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Program Management</i>	\$9,114.86	
				<i>PRP Allocations</i>	\$4,305.00	
				<i>Work Plan Development/Review</i>	\$3,540.00	
3/7/2005	10256	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Program Management</i>	\$1,837.50	
				<i>PRP Allocations</i>	\$1,300.00	
4/6/2005	10432	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$17,273.36	
				<i>Program Management</i>	\$2,587.50	
				<i>Work Plan Development/Review</i>	\$27,762.08	
5/9/2005	10832	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$21,383.54	
				<i>Program Management</i>	\$5,177.67	
				<i>Work Plan Development/Review</i>	\$26,640.88	
6/8/2005	11183	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Meetings and Travel</i>	\$20,023.43	
				<i>Program Management</i>	\$3,880.37	
				<i>Work Plan Development/Review</i>	\$52,104.06	
7/12/2005	11406	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$1,229.45	
				<i>Program Management</i>	\$4,393.20	
				<i>Work Plan Development/Review</i>	\$87,607.68	
8/10/2005	11673	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$6,271.19	
				<i>Program Management</i>	\$3,087.50	
				<i>Work Plan Development/Review</i>	\$55,316.15	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
9/13/2005	11809	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Program Management</i>	\$350.00	
				<i>Work Plan Development/Review</i>	\$141,716.63	
10/10/2005	12219	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$2,492.96	
				<i>Program Management</i>	\$8,759.52	
				<i>Work Plan Development/Review</i>	\$8,390.87	
11/9/2005	12502	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Meetings and Travel</i>	\$4,606.54	
				<i>Program Management</i>	\$5,775.00	
				<i>PRP Allocations</i>	\$700.00	
				<i>Work Plan Development/Review</i>	\$14,422.50	
12/14/2005	12829	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Program Management</i>	\$8,650.00	
				<i>Work Plan Development/Review</i>	\$33,624.08	
1/10/2006	13064	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$8,810.34	
				<i>Program Management</i>	\$4,575.00	
				<i>Work Plan Development/Review</i>	\$35,000.00	
2/7/2006	13264	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Meetings and Travel</i>	\$5,061.47	
				<i>Program Management</i>	\$4,300.00	
				<i>Work Plan Development/Review</i>	\$76,367.77	
3/7/2006	13559	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Program Management</i>	\$7,950.00	
				<i>Work Plan Development/Review</i>	\$44,104.32	
4/18/2006	13922	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		X
				<i>Program Management</i>	\$48,470.00	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Work Plan Development/Review</i>	\$41,016.68	
5/10/2006	14163	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Program Management</i>	\$15,264.67	
				<i>Work Plan Development/Review</i>	\$19,027.00	
6/15/2006	14447	0233-001-200	General Dynamics-Crab Orchard	Technical and strategic planning assistance		
				<i>Program Management</i>	\$10,850.00	
				<i>Work Plan Development/Review</i>	\$66,551.82	
7/12/2006	14689	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>GIS Maintenance</i>	\$16,118.91	
				<i>Individual Sites</i>	\$7,175.00	
				<i>Meetings</i>	\$24,286.93	
				<i>Project Management</i>	\$37,512.43	
8/9/2006	14993	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>GIS Maintenance</i>	\$3,850.00	
				<i>Individual Sites</i>	\$4,771.30	
				<i>Meetings</i>	\$6,062.90	
				<i>Project Management</i>	\$13,081.26	
				<i>Risk Assessment Support</i>	\$350.00	
9/14/2006	15214	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>GIS Maintenance</i>	\$7,114.95	
				<i>Individual Sites</i>	\$4,324.19	
				<i>Meetings</i>	\$3,157.01	
				<i>Project Management</i>	\$21,852.50	
				<i>Risk Assessment Support</i>	\$875.00	
10/10/2006	15484	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>GIS Maintenance</i>	\$5,412.50	
				<i>Individual Sites</i>	\$9,429.20	
				<i>Meetings</i>	\$1,338.44	
				<i>Project Management</i>	\$21,506.70	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
11/9/2006	15926	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>GIS Maintenance</i>	\$13,525.00	
				<i>Individual Sites</i>	\$3,150.00	
				<i>Meetings</i>	\$2,843.70	
				<i>Project Management</i>	\$12,050.00	
12/14/2006	16212	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$36,200.00	
				<i>GIS Maintenance</i>	\$15,729.96	
				<i>Individual Sites</i>	\$12,342.10	
				<i>Project Management</i>	\$14,370.76	
1/9/2007	16393	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$12,925.00	
				<i>GIS Maintenance</i>	\$9,552.06	
				<i>Individual Sites</i>	\$10,443.82	
				<i>Meetings</i>	\$13,125.59	
				<i>Project Management</i>	\$10,422.96	
2/15/2007	16825	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$6,150.00	
				<i>GIS Maintenance</i>	\$13,568.51	
				<i>Individual Sites</i>	\$7,226.10	
				<i>Meetings</i>	\$4,782.32	
				<i>Project Management</i>	\$9,312.50	
				<i>Risk Assessment Support</i>	\$2,975.00	
3/14/2007	17124	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$25,625.00	
				<i>GIS Maintenance</i>	\$16,275.00	
				<i>Individual Sites</i>	\$1,400.00	
				<i>Meetings</i>	\$1,599.55	
				<i>Project Management</i>	\$10,167.65	
				<i>Risk Assessment Support</i>	\$4,790.00	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
4/12/2007	17444	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$14,625.00	
				<i>GIS Maintenance</i>	\$7,950.00	
				<i>Individual Sites</i>	\$700.00	
				<i>Meetings</i>	\$11,223.99	
				<i>Project Management</i>	\$9,680.56	
5/10/2007	17780	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$15,080.00	
				<i>GIS Maintenance</i>	\$3,500.00	
				<i>Individual Sites</i>	\$700.00	
				<i>Meetings</i>	\$4,875.76	
				<i>Project Management</i>	\$14,153.81	
				<i>Risk Assessment</i>	\$350.00	
6/15/2007	18130	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$17,625.00	
				<i>GIS Maintenance</i>	\$5,525.00	
				<i>Individual Sites</i>	\$1,400.00	
				<i>Meetings</i>	\$19,666.34	
				<i>Project Management</i>	\$11,889.70	
				<i>Risk Assessment Support</i>	\$5,950.00	
7/17/2007	18436	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$15,100.00	
				<i>GIS Maintenance</i>	\$2,450.00	
				<i>Individual Sites</i>	\$12,250.00	
				<i>Project Management</i>	\$17,606.85	
8/14/2007	18698	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Management</i>	\$9,719.72	
				<i>GIS Maintenance</i>	\$4,725.00	
				<i>Individual Sites</i>	\$12,950.00	
				<i>Meetings</i>	\$7,404.59	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Project Management</i>	\$6,254.48	
				<i>Risk Assessment Support</i>	\$2,450.00	
9/25/2007	19055	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$11,750.00	
				<i>GIS Maintenance</i>	\$7,612.50	
				<i>Individual Sites</i>	\$28,025.00	
				<i>Project Management</i>	\$12,466.25	
				<i>Risk Assessment Support</i>	\$3,096.98	
10/11/2007	19285	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$4,575.00	
				<i>Individual Sites</i>	\$11,825.00	
				<i>Project Management</i>	\$18,019.86	
11/19/2007	19654	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$4,375.00	
				<i>GIS Maintenance</i>	\$2,800.00	
				<i>Individual Sites</i>	\$29,193.67	
				<i>Project Management</i>	\$31,505.36	
				<i>Risk Assessment Support</i>	\$350.00	
				<i>True-Up Adjustment</i>	(\$350.00)	
12/11/2007	19874	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$11,600.00	
				<i>GIS Maintenance</i>	\$5,075.00	
				<i>Individual Sites</i>	\$20,615.11	
				<i>Project Management</i>	\$14,016.57	
				<i>Risk Assessment Support</i>	\$7,175.00	
				<i>True-Up Adjustment</i>	(\$325.00)	
1/10/2008	20240	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$1,700.00	
				<i>GIS Maintenance</i>	\$350.00	
				<i>Individual Sites</i>	\$14,875.00	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Meetings</i>	\$15,022.45	
				<i>Project Management</i>	\$7,138.75	
				<i>Risk Assessment Support</i>	\$19,801.19	
2/12/2008	20419	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$1,927.30	
				<i>GIS Maintenance</i>	\$2,275.00	
				<i>Individual Sites</i>	\$46,875.00	
				<i>Meetings</i>	\$8,442.69	
				<i>Project Management</i>	\$17,721.91	
				<i>Risk Assessment Support</i>	\$932.11	
				<i>True-Up Adjustment</i>	(\$1,875.00)	
3/11/2008	20832	0233-002-150	Gen. Dynamics: Crab Orchard II	Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$29,450.00	
				<i>GIS Maintenance</i>	\$4,200.00	
				<i>Meetings</i>	\$11,966.53	
				<i>Project Management</i>	\$14,950.00	
				<i>Risk Assessment Support</i>	\$21,319.38	
4/16/2008	21131	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Data Reporting</i>	\$8,863.00	
				<i>Meetings</i>	\$15,573.04	
				<i>Pre Site Charac. Report</i>	\$10,650.00	
				<i>Project Management</i>	\$15,120.48	
				<i>Risk Assessment Support</i>	\$9,148.02	
5/14/2008	21350	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>GIS Maintenance</i>	\$9,450.00	
				<i>Meetings</i>	\$438.06	
				<i>Pre Site Charac. Report</i>	\$35,375.00	
				<i>Project Management</i>	\$16,450.00	
				<i>Risk Assessment Support</i>	\$1,650.00	
6/4/2008	21717	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Pre Site Charac. Report</i>	\$42,562.50	
				<i>Project Management</i>	\$3,706.80	
7/10/2008	22148	0233-002-150	Gen. Dynamics: Crab Orchard II	Field oversight of Crab Orchard RI/FS		
				<i>Pre Site Charac. Report</i>	\$88,192.19	
8/12/2008	22349	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Pre Site Charac. Report</i>	\$46,921.11	
				<i>Project Management</i>	\$4,921.39	
9/11/2008	22995	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Pre Site Charac. Report</i>	\$32,243.58	
				<i>Risk Assessment Support</i>	\$350.00	
10/9/2008	23253	0233-002-150	Gen. Dynamics: Crab Orchard II	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS		
				<i>Pre Site Charac. Report</i>	\$36,216.42	
				<i>Project Management</i>	\$8,580.66	
				<i>Risk Assessment Support</i>	\$700.00	
11/11/2008	23531	0233-003-150	GDOTS: Crab Orchard Phase II RI	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$15,204.73	
				<i>GIS Maintenance</i>	\$7,771.83	
				<i>Project Management</i>	\$16,727.64	
12/10/2008	24234	0233-003-150	GDOTS: Crab Orchard Phase II RI	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$8,000.00	
				<i>GIS Maintenance</i>	\$4,075.00	
				<i>Project Management</i>	\$14,000.00	
				<i>Risk Assessment Support</i>	\$40.00	
1/15/2009	24552	0233-003-150	GDOTS: Crab Orchard Phase II RI	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$16,425.00	
				<i>GIS Maintenance</i>	\$3,987.50	
				<i>Project Management</i>	\$13,955.00	
2/9/2009	24735	0233-003-150	GDOTS: Crab Orchard Phase II RI	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU		

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Data Reporting</i>	\$11,250.00	
				<i>GIS Maintenance</i>	\$4,300.00	
				<i>Project Management</i>	\$15,058.43	
3/25/2009	25110	0233-003-150	GDOTS: Crab Orchard Phase II RI	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$20,430.00	
				<i>GIS Maintenance</i>	\$8,634.91	
				<i>Individual Sites</i>	\$7,950.00	
				<i>Meetings</i>	\$1,670.63	
				<i>Project Management</i>	\$22,124.78	
4/7/2009	25561	0233-003-150	GDOTS: Crab Orchard Phase II RI	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$25,833.82	
				<i>GIS Maintenance</i>	\$10,888.01	
				<i>Individual Sites</i>	\$7,825.00	
				<i>Meetings</i>	\$700.00	
				<i>Project Management</i>	\$9,518.32	
5/14/2009	25836	0233-003-150	GDOTS: Crab Orchard Phase II RI	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$4,060.00	
				<i>GIS Maintenance</i>	\$9,560.20	
				<i>Individual Sites</i>	\$27,107.48	
				<i>Meetings</i>	\$3,533.85	
				<i>Project Management</i>	\$17,695.22	
6/11/2009	26149	0233-003-150	GDOTS: Crab Orchard Phase II RI	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$2,065.31	
				<i>GIS Maintenance</i>	\$1,500.00	
				<i>Individual Sites</i>	\$11,200.00	
				<i>Meetings</i>	\$1,071.05	
				<i>Project Management</i>	\$18,368.18	
7/7/2009	26353	0233-003-150	GDOTS: Crab Orchard Phase II RI	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$2,275.00	
				<i>GIS Maintenance</i>	\$4,700.00	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Individual Sites</i>	\$10,600.00	
				<i>Meetings</i>	\$4,224.74	
				<i>Project Management</i>	\$13,862.60	
8/12/2009	26738	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$11,875.00	
				<i>GIS Maintenance</i>	\$12,965.43	
				<i>Individual Sites</i>	\$4,663.02	
				<i>Meetings</i>	\$3,973.13	
				<i>Project Management</i>	\$18,625.00	
				<i>Risk Assessment Support</i>	\$350.00	
9/14/2009	27245	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$15,350.00	
				<i>GIS Maintenance</i>	\$4,772.02	
				<i>Project Management</i>	\$12,250.00	
10/14/2009	27558	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$14,738.60	
				<i>GIS Maintenance</i>	\$6,935.15	
				<i>Project Management</i>	\$19,323.72	
				<i>Site 4W</i>	\$454.66	
11/11/2009	28073	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$10,350.00	
				<i>GIS Maintenance</i>	\$1,700.00	
				<i>Meetings</i>	\$2,625.00	
				<i>Project Management</i>	\$12,950.00	
				<i>Risk Assessment Support</i>	\$350.00	
12/7/2009	28334	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$9,775.00	
				<i>GIS Maintenance</i>	\$822.63	
				<i>Meetings</i>	\$339.56	
				<i>Project Management</i>	\$13,125.00	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				Remedial Investigation Rep	\$9,475.00	
				Risk Assessment Support	\$525.00	
1/13/2010	28718	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				Data Reporting	\$9,800.00	
				GIS Maintenance	\$5,899.49	
				Project Management	\$7,277.49	
				Remedial Investigation Rep	\$7,650.00	
2/11/2010	29000	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				Data Reporting	\$4,625.00	
				GIS Maintenance	\$10,188.80	
				Project Management	\$15,250.00	
				Remedial Investigation Rep	\$13,050.00	
3/9/2010	29371	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				Data Reporting	\$700.00	
				GIS Maintenance	\$6,934.61	
				Meetings	\$7,892.82	
				Project Management	\$11,800.00	
				Remedial Investigation Rep	\$19,375.00	
				Risk Assessment Support	\$1,225.00	
4/13/2010	29918	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				Data Reporting	\$7,537.50	
				GIS Maintenance	\$12,289.85	
				Meetings	\$17,055.75	
				Project Management	\$11,450.00	
				Remedial Investigation Rep	\$47,375.00	
5/11/2010	30159	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				Data Reporting	\$10,150.00	
				GIS Maintenance	\$51.33	
				Meetings	\$2,717.18	
				Project Management	\$10,550.00	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Remedial Investigation Rep</i>	\$58,150.00	
6/9/2010	30461	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$3,675.00	
				<i>GIS Maintenance</i>	\$32.43	
				<i>Meetings</i>	\$3,851.59	
				<i>Project Management</i>	\$8,450.00	
				<i>Remedial Investigation Rep</i>	\$50,600.00	
7/14/2010	30706	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$14,000.00	
				<i>Meetings</i>	\$3,301.55	
				<i>Project Management</i>	\$17,175.00	
				<i>Remedial Investigation Rep</i>	\$65,150.00	
8/10/2010	30994	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$8,925.00	
				<i>GIS Maintenance</i>	\$800.00	
				<i>Project Management</i>	\$6,625.00	
				<i>Remedial Investigation Rep</i>	\$88,669.66	
9/8/2010	31206	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$525.00	
				<i>Project Management</i>	\$5,475.00	
				<i>Remedial Investigation Rep</i>	\$59,010.49	
				<i>Risk Assessment Support</i>	\$3,325.00	
10/14/2010	31627	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$7,700.00	
				<i>Meetings</i>	\$3,048.49	
				<i>Project Management</i>	\$6,175.00	
				<i>Remedial Investigation Rep</i>	\$62,829.06	
				<i>Risk Assessment Support</i>	\$6,125.00	
11/10/2010	31901	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$5,075.00	

Nathan Associates

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Project Management</i>	\$7,259.20	
				<i>Remedial Investigation Rep</i>	\$48,254.63	
				<i>Risk Assessment Support</i>	\$8,050.00	
12/7/2010	32183	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$3,500.00	
				<i>Project Management</i>	\$3,150.00	
				<i>Remedial Investigation Rep</i>	\$1,839.85	
				<i>Risk Assessment Support</i>	\$18,300.00	
1/18/2011	32622	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$4,200.00	
				<i>GIS Maintenance</i>	\$50.00	
				<i>Meetings</i>	\$17,137.73	
				<i>Project Management</i>	\$8,625.00	
				<i>Remedial Investigation Rep</i>	\$8,175.00	
				<i>Risk Assessment Support</i>	\$5,111.67	
2/9/2011	32904	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$2,975.00	
				<i>Project Management</i>	\$2,480.00	
				<i>Remedial Investigation Rep</i>	\$19,850.00	
3/4/2011	33267	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$1,925.00	
				<i>Meetings</i>	\$11,776.78	
				<i>Project Management</i>	\$1,800.00	
				<i>Remedial Investigation Rep</i>	\$26,550.00	
				<i>Risk Assessment Support</i>	\$700.00	
4/1/2011	33643	0233-003-150	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$1,400.00	
				<i>Meetings</i>	\$4,077.20	
				<i>Project Management</i>	\$2,625.00	
				<i>Remedial Investigation Rep</i>	\$23,025.00	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Risk Assessment Support</i>	\$1,845.00	
5/17/2011	1500006	150.0222.000	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$3,675.00	
				<i>Meetings</i>	\$2,160.41	
				<i>Project Management</i>	\$3,325.00	
				<i>Remedial Investigation Rep</i>	\$22,025.00	
				<i>Risk Assessment Support</i>	\$525.00	
6/23/2011	1500056	150.0222.000	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>Data Reporting</i>	\$6,650.00	
				<i>GIS Maintenance</i>	\$1,250.00	
				<i>Project Management</i>	\$3,500.00	
				<i>Remedial Investigation Rep</i>	\$21,055.67	
				<i>Risk Assessment Support</i>	\$122.68	
7/13/2011	1500069	150.0222.000	GDOTS: Crab Orchard Phase II RI	Phase II for Crab Orchard - AUS OU		
				<i>GIS Maintenance</i>	\$100.00	
				<i>Project Management</i>	\$4,900.00	
				<i>Remedial Investigation Rep</i>	\$27,216.15	
8/10/2011	1500125	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$450.00	
				<i>Project Management</i>	\$1,575.00	
				<i>RI Report (REV)</i>	\$23,000.00	
				<i>Site 0069 MEC & Asbestos Report</i>	\$700.00	
9/13/2011	1500162	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$750.00	
				<i>Meetings</i>	\$3,269.39	
				<i>Project Management</i>	\$3,500.00	
				<i>RI Report (REV)</i>	\$24,425.00	
				<i>Site 0069 MEC & Asbestos Report</i>	\$1,925.00	
10/6/2011	1500198	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>Project Management</i>	\$5,075.00	

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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>RI Report (REV)</i>	\$20,525.00	
				<i>Site 0069 MEC & Asbestos Report</i>	\$15,575.00	
11/3/2011	1500193	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>Project Management</i>	\$3,675.00	
				<i>RI Report (REV)</i>	\$22,853.12	
				<i>Site 0069 MEC & Asbestos Report</i>	\$262.00	
12/9/2011	1500216	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$2,800.00	
				<i>Meetings</i>	\$3,083.45	
				<i>Project Management</i>	\$4,307.03	
				<i>RI Report (REV)</i>	\$82,725.00	
1/9/2012	1500248	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>Project Management</i>	\$3,500.00	
				<i>RI Report (REV)</i>	\$65,742.08	
2/9/2012	1500303	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$800.00	
				<i>Project Management</i>	\$5,650.00	
				<i>RAO Memo</i>	\$1,550.00	
				<i>RI Report (REV)</i>	\$4,278.53	
				<i>Site 0069 MEC & Asbestos Report</i>	\$875.00	
3/14/2012	1500336	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>FS Report</i>	\$21,400.00	
				<i>Meetings</i>	\$23,720.46	
				<i>Project Management</i>	\$9,425.00	
				<i>RAO Memo</i>	\$7,330.00	
				<i>Site 0069 MEC & Asbestos Report</i>	\$6,363.33	
4/6/2012	1500352	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$400.00	
				<i>Project Management</i>	\$7,521.38	
				<i>RAO Memo</i>	\$8,450.00	

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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>RI Report (REV)</i>	\$1,675.00	
				<i>Site 0069 MEC & Asbestos Report</i>	\$3,962.71	
5/7/2012	1500376	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$200.00	
				<i>Meetings</i>	\$850.64	
				<i>Project Management</i>	\$6,300.00	
				<i>RAO Memo</i>	\$10,100.00	
				<i>RI Report (REV)</i>	\$150.00	
				<i>Site 0069 MEC & Asbestos Report</i>	\$7,395.75	
6/12/2012	1500434	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>Project Management</i>	\$12,250.00	
				<i>RAO Memo</i>	\$4,800.00	
				<i>RI Report (REV)</i>	\$5,100.00	
				<i>Site 0069 MEC & Asbestos Report</i>	\$1,683.01	
7/12/2012	1500483	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$2,400.00	
				<i>Meetings</i>	\$2,929.80	
				<i>Project Management</i>	\$5,263.22	
				<i>RAO Memo</i>	\$700.00	
				<i>RI Report (REV)</i>	\$7,650.00	
				<i>Site 0069 MEC & Asbestos Report</i>	\$1,050.00	
8/7/2012	1500511	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$2,000.00	
				<i>Project Management</i>	\$7,350.00	
				<i>RI Report (REV)</i>	\$850.00	
				<i>Site 0069 MEC & Asbestos Report</i>	\$4,200.00	
9/14/2012	1500556	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$400.00	
				<i>Project Management</i>	\$7,700.00	
				<i>RI Report (REV)</i>	\$600.00	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
NEWFIELDS (RI/FS)						
				<i>Site 0069 MEC & Asbestos Report</i>	\$2,975.00	
10/9/2012	1500592	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$2,712.50	
				<i>Meetings</i>	\$3,385.23	
				<i>Project Management</i>	\$3,850.00	
				<i>RI Report (REV)</i>	\$2,300.00	
				<i>Site 0069 MEC & Asbestos Report</i>	\$2,975.00	
11/14/2012	1500653	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$1,600.00	
				<i>Meetings</i>	\$10,295.26	
				<i>Project Management</i>	\$4,900.00	
				<i>RI Report (REV)</i>	\$27,768.73	
				<i>Site 0069 MEC & Asbestos Report</i>	\$5,386.28	
12/13/2012	1500592R	150.0223.000	GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$4,450.00	
				<i>Project Management</i>	\$2,625.00	
				<i>RI Report (REV)</i>	\$27,125.00	
2/6/2013	1500773		GDOTS: Crab RI (REV) & FS	Phase II for Crab Orchard (CrabIII)		
				<i>GIS Maintenance</i>	\$4,750.00	
				<i>Project Management</i>	\$1,925.00	
				<i>RI Report (REV)</i>	\$11,625.00	
Total NewFields (RI/FS)					\$6,898,285	
POLSINELLI PC						
1/18/2018	1487141	201000021	Crab Orchard	Crab Orchard Superfund Site		X
				<i>Fees and Expenses</i>	\$5,100.48	
2/28/2018	1494903A	201000021	Crab Orchard	Crab Orchard Superfund Site		
				<i>Fees and Expenses</i>	\$11,082.08	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
POLSINELLI PC						
3/15/2018	1506944	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$19,046.88	
4/19/2018	1520511	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$31,983.93	X
5/10/2018	1525784	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$11,308.58	X
6/8/2018	1534720	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$12,386.66	X
7/9/2018	1545046	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$3,178.28	
8/9/2018	1556284	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$6,297.78	
9/10/2018	1567852	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$4,340.42	X
10/5/2018	1581665	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$2,761.33	X
11/9/2018	1589329	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$7,971.83	X
12/10/2018	1599516	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$3,719.88	
1/10/2019	1610162	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$5,426.32	X
2/8/2019	1619353	201000021	Crab Orchard	Crab Orchard Superfund Site <i>Fees and Expenses</i>	\$5,554.23	
3/18/2019	1630115	201000021	Crab Orchard	Crab Orchard Superfund Site		X

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POLSINELLI PC						
				<i>Fees and Expenses</i>	\$1,876.68	
4/10/2019	1641382	201000021	Crab Orchard	Crab Orchard Superfund Site		X
				<i>Fees and Expenses</i>	\$32,415.93	
5/10/2019	1652329	201000021	Crab Orchard	Crab Orchard Superfund Site		X
				<i>Fees and Expenses</i>	\$39,887.40	
6/10/2019	1662256	201000021	Crab Orchard	INA (OLIN V)		X
				<i>Fees and Expenses</i>	\$5,287.50	
6/10/2019	1662244	201000021	Crab Orchard	Crab Orchard Superfund Site		
				<i>Fees and Expenses</i>	\$47,463.37	
7/10/2019	1674014	201000021	Crab Orchard	Crab Orchard Superfund Site		X
				<i>Fees and Expenses</i>	\$66,829.08	
8/9/2019	1685794	201000021	Crab Orchard	Crab Orchard Superfund Site		X
				<i>Fees and Expenses</i>	\$64,973.60	
9/9/2019	1696439	201000021	Crab Orchard	Crab Orchard Superfund Site		X
				<i>Fees and Expenses</i>	\$63,496.64	
10/7/2019	1709568	201000021	Crab Orchard	Crab Orchard Superfund Site		X
				<i>Fees and Expenses</i>	\$89,833.37	
11/8/2019	1721286	201000021	Crab Orchard	Crab Orchard Superfund Site		X
				<i>Fees and Expenses</i>	\$90,989.53	
12/6/2019	1731763	201000021	Crab Orchard	Crab Orchard Superfund Site		X
				<i>Fees and Expenses</i>	\$50,471.73	
1/9/2020	1742569	201000021	Crab Orchard	Crab Orchard Superfund Site		
				<i>Fees and Expenses</i>	\$37,791.18	
2/10/2020	1753561	201000021	Crab Orchard	Crab Orchard Superfund Site		
				<i>Fees and Expenses</i>	\$61,092.39	

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<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
POLSINELLI PC						
3/10/2020	1763619	201000021	Crab Orchard	Crab Orchard Superfund Site		X
				<i>Fees and Expenses</i>	\$36,004.95	
					Total Polsinelli PC	\$818,572
SCS ENGINEERS						
2/28/2006	0050321	05202022.06		Soil Gas/Vapor Sampling and Analysis at Ordnance and Tactical Manufacturing Facility in Marion, Illinois		
				<i>Professional Personnel and Reimbursable Expenses</i>	\$2,959.38	
3/31/2006	0051674	05202022.06		Soil Gas/Vapor Sampling and Analysis at Ordnance and Tactical Manufacturing Facility in Marion, Illinois		
				<i>Potential Vapor Intrusion Evaluation</i>	\$4,678.80	
4/30/2006	0052845	05202022.06		Soil Gas/Vapor Sampling and Analysis at Ordnance and Tactical Manufacturing Facility in Marion, Illinois		
				<i>Potential Vapor Intrusion Evaluation</i>	\$6,461.20	
					Total SCS Engineers	\$14,099
SHANNON & WILSON						
3/18/2009	25952-55	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management, mobilization/demobilization, data reporting, meetings, and field activity at multiple AUSs.</i>	\$201,009.00	
4/9/2009	26005-07	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management, mobilization/demobilization, data reporting, and field activity at multiple AUSs.</i>	\$345,439.00	
5/12/2009	26066-68	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management, data reporting, and field activity at multiple AUSs.</i>	\$599,657.00	
6/12/2009	26140-42	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		

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SHANNON & WILSON						
				<i>Project management, data reporting, and field activity at multiple AUSs.</i>	\$625,005.00	
7/10/2009	26187-90	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management, mobilization/demobilization, data reporting, Remedial Investigation report assistance, and field activity at multiple AUSs.</i>	\$444,234.00	
8/6/2009	26236-39	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management, mobilization/demobilization, data reporting, Remedial Investigation Report assistance, and field activity at multiple AUSs.</i>	\$135,469.00	
9/10/2009	26291-94	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management, mobilization/demobilization, data reporting, Remedial Investigation Report assistance, and field activity at multiple AUSs.</i>	\$292,477.00	
10/8/2009	26343-45	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management, mobilization/demobilization, data reporting, and field activity at multiple AUSs.</i>	\$127,846.00	
11/12/2009	26392-94	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management, field activity at AUS-A2Pand A04W, and data reporting.</i>	\$30,904.00	
11/30/2009	22904	41-1-36844	Crab Orchard Superfund Site	Statement of Account		X
				<i>Invoice Amount</i>	\$1,080.00	
				<i>Late Fee</i>	\$76.14	
12/10/2009	26438-40	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management, data reporting, and field activity at multiple AUSs.</i>	\$80,650.00	
1/7/2010	26483-85	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management, mobilization/demobilization, data reporting, and field activity at multiple AUSs.</i>	\$162,886.00	
2/10/2010	26542-43	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management, data reporting and Remedial Investigation Report assistance</i>	\$16,500.00	
3/9/2010	26578-79	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI		
				<i>Project management</i>	\$3,700.00	
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SHANNON & WILSON						
4/7/2010	26610-12	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI <i>Project management and field activity at multiple AUsSs.</i>	\$22,746.00	
5/6/2010	26667-69	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI <i>Project management, mobilization/demobilization, and field activity at multiple AUsSs.</i>	\$103,003.00	
6/10/2010	26740-42	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI <i>Project management and field activity at multiple AUsSs.</i>	\$14,796.00	
7/8/2010	26790	41-1-36844 (01)	CONWR Phase II RI - Field Work	CONWR Phase II RI <i>Project management</i>	\$1,300.00	
5/8/2012	27866	41-1-36844 (06)	Crab Orchard Superfund Site	Crab Orchard MEC Asbestos <i>Labor, expenses and lump sum mob</i>	\$25,733.50	
6/5/2012	27917	41-1-36844 (06)	Crab Orchard Superfund Site	Crab Orchard MEC Asbestos <i>Labor, expenses and subcontractors (sample analysis)</i>	\$16,452.00	
7/11/2012	27971	41-1-36844 (06)	Crab Orchard Superfund Site	Crab Orchard MEC Asbestos <i>Labor, expenses and subcontractors (sample analysis)</i>	\$31,033.00	
8/9/2012	28027	41-1-36844 (06)	Crab Orchard Superfund Site	Crab Orchard MEC Asbestos <i>Labor, expenses and subcontractors (sample analysis)</i>	\$44,853.00	
9/6/2012	28070	41-1-36844 (06)	Crab Orchard Superfund Site	Crab Orchard MEC Asbestos <i>Labor and subcontractors (sample analysis)</i>	\$15,028.00	
10/11/2012	28119	41-1-36844 (06)	Crab Orchard Superfund Site	Crab Orchard MEC Asbestos <i>Labor</i>	\$4,825.00	
3/14/2013	28314	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks <i>Meetings</i> <i>Project Management</i> <i>Revised RI Report & FS</i>	\$5,562.85 \$1,782.50 \$15,064.50	
4/5/2013	28369	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		

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SHANNON & WILSON						
				<i>GIS Maintenance</i>	\$582.50	
				<i>Meetings</i>	\$5,069.81	
				<i>Project Management</i>	\$10,442.00	
				<i>Revised RI Report & FS</i>	\$24,961.62	
5/7/2013	28459	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>GIS Maintenance</i>	\$1,152.00	
				<i>Project Management</i>	\$9,677.00	
				<i>Revised RI Report & FS</i>	\$25,152.00	
6/5/2013	28487	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management; Revised RI Report & FS; and GIS Maintenance</i>	\$24,349.00	
7/11/2013	28570	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>GIS Maintenance</i>	\$5,571.32	
				<i>Project Management</i>	\$5,663.69	
				<i>Revised RI Report & FS</i>	\$16,557.00	
				<i>Site 69 MEC/Asbestos Rpt</i>	\$3,582.50	
8/8/2013	28630	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>GIS Maintenance</i>	\$2,932.50	
				<i>Project Management</i>	\$8,082.50	
				<i>Revised RI Report & FS</i>	\$17,995.00	
				<i>Site 69 MEC/Asbestos Rpt</i>	\$2,082.50	
9/11/2013	28687	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management</i>	\$6,507.50	
				<i>Revised RI Report & FS</i>	\$15,832.50	
10/9/2013	28753	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management</i>	\$3,532.50	
				<i>Revised RI Report & FS</i>	\$1,232.50	
10/9/2013	28760	42-1-37329 (01)	Crab Orchard UAS OU - PRP Assistance	Environmental Services - Technical Assistance for PRP Negotiations		
				<i>Labor and Expenses</i>	\$423.09	

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SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SHANNON & WILSON						
11/6/2013	28817	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management</i>	\$1,607.50	
				<i>Revised RI Report & FS</i>	\$1,082.50	
12/11/2013	28886	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		X
				<i>GIS Maintenance</i>	\$232.50	
				<i>Project Management</i>	\$3,182.50	
				<i>Revised RI Report & FS</i>	\$14,477.50	
1/9/2014	28939	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management; Revised RI Report & FS; and Meetings</i>	\$23,506.04	
2/26/2014	28995	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management; Revised RI Report & FS; and Meetings</i>	\$29,518.57	
3/6/2014	29057	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management; Revised RI Report & FS; and Meetings</i>	\$18,562.34	
4/7/2014	29068	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management; Revised RI Report & FS; and GIS Maintenance</i>	\$31,721.00	
5/8/2014	29170	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management; Revised RI Report & FS; Meetings; and GIS Maintenance</i>	\$15,331.02	
6/11/2014	29255	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>GIS Maintenance</i>	\$652.00	
				<i>Meetings</i>	\$2,786.57	
				<i>Project Management</i>	\$10,552.00	
				<i>Revised RI Report & FS</i>	\$8,732.00	
				<i>Site 69 MEC/Asbestos Rpt</i>	\$382.50	
7/10/2014	29326	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management; Revised RI Report & FS; Meetings; and GIS Maintenance</i>	\$23,983.00	
8/7/2014	29396	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management; Revised RI Report & FS; and GIS Maintenance</i>	\$35,284.30	

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SCHEDULE D
Invoice Cost Detail by Vendor

Date	Invoice Number	Project Number	Project Name	Invoice and Task Description	Invoice Amount	Adjusted / Excluded Cost
SHANNON & WILSON						
8/19/2014	29346-400-403	41-1-37492	Crab Orchard - RI Addendum	Environmental Services		
				<i>Project management, field work and mobilization and demobilization</i>	\$149,360.00	
9/10/2014	29467	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>GIS Maintenance</i>	\$252.00	
				<i>Meetings</i>	\$1,528.80	
				<i>Project Management</i>	\$7,927.00	
				<i>Revised RI Report & FS</i>	\$23,572.00	
				<i>Site 69 MEC/Asbestos Rpt</i>	\$1,102.00	
9/12/2014	29482-83-84	41-1-37492	Crab Orchard - RI Addendum	Environmental Services		
				<i>Project management, field work and mobilization and demobilization</i>	\$163,280.00	
10/7/2014	29516	41-1-37492	Crab Orchard - RI Addendum	Environmental Services		
				<i>Project Management</i>	\$1,815.00	
10/8/2014	29542	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management</i>	\$3,571.50	
				<i>Revised RI Report & FS</i>	\$38,751.50	
				<i>Site 69 MEC/Asbestos Rpt</i>	\$921.50	
11/4/2014	29578	41-1-37492	Crab Orchard - RI Addendum	Environmental Services		
				<i>Project Management</i>	\$732.50	
11/5/2014	29593	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>GIS Maintenance</i>	\$871.50	
				<i>Meetings</i>	\$5,720.30	
				<i>Project Management</i>	\$3,571.50	
				<i>Revised RI Report & FS</i>	\$14,120.29	
				<i>Site 69 MEC/Asbestos Rpt</i>	\$1,121.50	
12/11/2014	29669	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management; Revised RI Report & FS; Meetings; GIS Maintenance; and RI Addendum Report</i>	\$14,432.10	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SHANNON & WILSON						
12/17/2014	29646-47-79	41-1-37492	Crab Orchard - RI Addendum	Environmental Services <i>Project Management; Mobilization/Demobilization; and AUS-0A2D Field</i>	\$14,676.00	
1/8/2015	29722	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks <i>Project Management; Meetings; GIS Maintenance; and RI Addendum Report</i>	\$20,388.19	
2/12/2015	29779	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks <i>Project Management; Revised RI Report & FS; GIS Maintenance; and RI Addendum Report</i>	\$41,597.50	
3/12/2015	29840	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks <i>GIS Maintenance</i> <i>Meetings</i> <i>Project Management</i> <i>RAO Memo</i> <i>Revised RI Report & FS</i> <i>RI Addendum Report</i>	\$702.00 \$5,085.54 \$5,603.49 \$215.00 \$13,265.29 \$6,342.00	
4/9/2015	29895	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks <i>GIS Maintenance</i> <i>Meetings</i> <i>Project Management</i> <i>Revised RI Report & FS</i>	\$271.50 \$6,328.66 \$2,871.50 \$12,753.16	
5/8/2015	29970	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks <i>GIS Maintenance</i> <i>Meetings</i> <i>Project Management</i> <i>RAO Memo</i> <i>Revised RI Report & FS</i>	\$6,450.00 \$5,253.71 \$6,021.50 \$1,250.00 \$490.91	
6/8/2015	29975	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks <i>GIS Maintenance</i> <i>Meetings</i> <i>Project Management</i>	\$1,700.00 \$3,040.37 \$10,921.50	

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SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SHANNON & WILSON						
				<i>RAO Memo</i>	\$10,225.00	
7/9/2015	30096	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>GIS Maintenance</i>	\$1,350.00	
				<i>Meetings</i>	\$5,526.05	
				<i>Project Management</i>	\$6,371.50	
				<i>RAO Memo</i>	\$15,550.00	
8/5/2015	30154	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>GIS Maintenance</i>	\$100.00	
				<i>Meetings</i>	\$5,647.43	
				<i>Project Management</i>	\$6,021.50	
				<i>RAO Memo</i>	\$21,575.00	
9/9/2015	30235	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>GIS Maintenance</i>	\$2,600.00	
				<i>Meetings</i>	\$4,810.44	
				<i>Project Management</i>	\$8,471.50	
				<i>PSA Memo</i>	\$16,500.00	
10/7/2015	30307	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Meetings</i>	\$2,997.52	
				<i>Project Management</i>	\$4,446.50	
				<i>PSA Memo</i>	\$15,700.00	
11/4/2015	30337	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>GIS Maintenance</i>	\$100.00	
				<i>Meetings</i>	\$6,694.54	
				<i>Project Management</i>	\$3,221.50	
				<i>PSA Memo</i>	\$20,750.00	
12/9/2015	30439	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>Project Management</i>	\$6,021.50	
				<i>PSA Memo</i>	\$33,652.50	
1/7/2016	30501	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SHANNON & WILSON						
				<i>Project Management</i>	\$3,221.50	
				<i>PSA Memo</i>	\$26,957.50	
2/11/2016	30565	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>CAA Memo</i>	\$3,100.00	
				<i>GIS Maintenance</i>	\$450.00	
				<i>Meetings</i>	\$5,763.54	
				<i>Project Management</i>	\$5,671.50	
				<i>PSA Memo</i>	\$1,450.00	
3/9/2016	30642	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>CAA Memo</i>	\$700.00	
				<i>GIS Maintenance</i>	\$300.00	
				<i>Meetings</i>	\$455.40	
				<i>Project Management</i>	\$3,221.50	
				<i>PSA Memo</i>	\$20,050.00	
4/5/2016	30670	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>CAA Memo</i>	\$7,300.00	
				<i>GIS Maintenance</i>	\$50.00	
				<i>Meetings</i>	\$10,061.57	
				<i>Project Management</i>	\$4,271.50	
5/12/2016	30803	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>CAA Memo</i>	\$32,263.00	
				<i>GIS Maintenance</i>	\$2,750.00	
				<i>Meetings</i>	\$5,572.93	
				<i>Project Management</i>	\$4,446.50	
6/8/2016	30866	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>CAA Memo</i>	\$26,805.00	
				<i>GIS Maintenance</i>	\$400.00	
				<i>Meetings</i>	\$5,791.74	
				<i>Project Management</i>	\$6,196.50	
7/7/2016	30926	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		

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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SHANNON & WILSON						
				CAA Memo	\$17,582.50	
				Meetings	\$5,705.20	
				Project Management	\$6,211.20	
8/10/2016	30990	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				CAA Memo	\$17,825.00	
				GIS Maintenance	\$550.00	
				Meetings	\$3,606.60	
				Project Management	\$7,946.50	
9/8/2016	31047	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				CAA Memo	\$14,850.00	
				GIS Maintenance	\$100.00	
				Meetings	\$9,922.31	
				Project Management	\$4,621.50	
10/5/2016	31108	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				CAA Memo	\$13,150.00	
				GIS Maintenance	\$100.00	
				Meetings	\$4,910.83	
				Project Management	\$3,396.50	
11/4/2016	31170	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				CAA Memo	\$26,050.00	
				GIS Maintenance	\$350.00	
				Meetings	\$1,100.00	
				Project Management	\$5,496.50	
12/7/2016	31241	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				CAA Memo	\$7,800.00	
				FS Report	\$8,550.00	
				GIS Maintenance	\$50.00	
				Meetings	\$4,139.97	
				Project Management	\$4,096.50	
1/12/2017	31297	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SHANNON & WILSON						
				<i>FS Report</i>	\$27,715.00	
				<i>GIS Maintenance</i>	\$850.00	
				<i>Meetings</i>	\$4,870.13	
				<i>Project Management</i>	\$3,571.50	
2/8/2017	31347	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$16,720.00	
				<i>GIS Maintenance</i>	\$150.00	
				<i>Project Management</i>	\$1,821.50	
3/8/2017	31406	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$20,225.00	
				<i>GIS Maintenance</i>	\$550.00	
				<i>Meetings</i>	\$1,890.92	
				<i>Project Management</i>	\$1,821.50	
4/4/2017	31444	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$22,905.00	
				<i>Meetings</i>	\$6,608.99	
				<i>Project Management</i>	\$1,471.50	
5/11/2017	31511	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$27,865.00	
				<i>GIS Maintenance</i>	\$300.00	
				<i>Meetings</i>	\$3,651.19	
				<i>Project Management</i>	\$3,921.50	
6/7/2017	31553	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$28,525.00	
				<i>Project Management</i>	\$2,346.50	
7/3/2017	315780	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$18,550.00	
				<i>GIS Maintenance</i>	\$700.00	
				<i>Meetings</i>	\$7,573.07	
				<i>Project Management</i>	\$1,821.50	

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SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SHANNON & WILSON						
8/9/2017	31654	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$17,600.00	
				<i>GIS Maintenance</i>	\$200.00	
				<i>Meetings</i>	\$4,963.98	
				<i>Project Management</i>	\$3,396.50	
9/6/2017	31681	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$21,917.50	
				<i>Project Management</i>	\$2,171.50	
10/5/2017	31741	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$18,050.00	
				<i>GIS Maintenance</i>	\$650.00	
				<i>Meetings</i>	\$4,389.70	
				<i>Project Management</i>	\$1,471.50	
10/26/2017	31798	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$8,050.00	
				<i>Project Management</i>	\$4,271.50	
12/6/2017	31849	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$10,325.00	
				<i>GIS Maintenance</i>	\$50.00	
				<i>Project Management</i>	\$3,571.50	
1/11/2018	31900	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$9,125.00	
				<i>Project Management</i>	\$3,746.50	
2/10/2018	31945	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$6,475.00	
				<i>Meetings</i>	\$1,100.00	
				<i>Project Management</i>	\$4,096.50	
3/8/2018	32002	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		

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Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SHANNON & WILSON						
				<i>FS Report</i>	\$5,232.50	
				<i>Meetings</i>	\$6,165.45	
				<i>Project Management</i>	\$3,571.50	
4/3/2018	32064	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$4,705.00	
				<i>Project Management</i>	\$2,871.50	
5/16/2018	100352	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$14,297.50	
				<i>Project Management</i>	\$1,996.50	
6/7/2018	100684	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$17,392.50	
				<i>GIS Maintenance</i>	\$1,250.00	
				<i>Project Management</i>	\$2,521.50	
7/13/2018	101615	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$21,932.50	
				<i>Project Management</i>	\$1,121.50	
8/9/2018	102197	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$12,450.00	
				<i>Project Management</i>	\$1,471.50	
9/6/2018	102840	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$25,422.50	
				<i>Project Management</i>	\$2,171.50	
10/4/2018	103321	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$29,310.00	
				<i>Project Management</i>	\$1,471.50	
11/2/2018	104096	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$26,410.00	
				<i>Meetings</i>	\$3,103.67	

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SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SHANNON & WILSON						
				<i>Project Management</i>	\$1,296.50	
12/6/2018	104748	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$15,407.50	
				<i>Project Management</i>	\$1,121.50	
1/10/2019	105445	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$31,375.00	
				<i>GIS Maintenance</i>	\$200.00	
				<i>Project Management</i>	\$1,646.50	
2/6/2019	105964	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$26,180.00	
				<i>GIS Maintenance</i>	\$525.00	
				<i>Meetings</i>	\$100.00	
				<i>Project Management</i>	\$1,121.50	
3/7/2019	106590	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$19,412.50	
				<i>GIS Maintenance</i>	\$525.00	
				<i>Project Management</i>	\$596.50	
4/10/2019	107185	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$14,687.50	
				<i>GIS Maintenance</i>	\$700.00	
				<i>Meetings</i>	\$1,941.96	
				<i>Project Management</i>	\$421.50	
5/9/2019	107859	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$7,875.00	
				<i>GIS Maintenance</i>	\$175.00	
				<i>Meetings</i>	\$1,225.00	
				<i>Project Management</i>	\$596.50	
5/30/2019	108508	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$13,050.00	

Nathan Associates

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SHANNON & WILSON						
				<i>Project Management</i>	\$946.50	
7/10/2019	109185	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$12,262.50	
				<i>GIS Maintenance</i>	\$975.00	
				<i>Meetings</i>	\$650.00	
				<i>Project Management</i>	\$771.50	
8/7/2019	109792	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$17,675.00	
				<i>Meetings</i>	\$455.00	
				<i>Project Management</i>	\$771.50	
9/11/2019	110506	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$19,727.50	
				<i>GIS Maintenance</i>	\$350.00	
				<i>Project Management</i>	\$946.50	
10/7/2019	111068	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$21,477.50	
				<i>GIS Maintenance</i>	\$130.00	
				<i>Project Management</i>	\$246.50	
11/1/2019	111707	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$16,760.00	
				<i>Project Management</i>	\$421.50	
12/12/2019	112528	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$14,665.00	
				<i>Project Management</i>	\$1,121.50	
1/8/2020	113007	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$7,892.50	
				<i>Meetings</i>	\$13,764.83	
				<i>Project Management</i>	\$771.50	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SHANNON & WILSON						
2/4/2020	113449	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$9,912.50	
				<i>GIS Maintenance</i>	\$1,170.00	
				<i>Meetings</i>	\$10,394.10	
				<i>Project Management</i>	\$3,484.00	
3/10/2020	114112	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$23,560.00	
				<i>Project Management</i>	\$71.50	
4/2/2020	114523	42137307	GDOTS - AUS OU RI (REV) & FS	Revised Draft RI Report & FS Tasks		
				<i>FS Report</i>	\$15,215.00	
				<i>Project Management</i>	\$2,521.50	
Total Shannon & Wilson					\$5,779,864	
SUNTRUST						
4/30/2005	[20050430]			[Invoice not located; Services defined from additional supporting documents.]		
				<i>Total Fees</i>	\$24,600.00	
4/30/2006	[20060430]			[Invoice not located; Services defined from additional supporting documents.]		
				<i>Total Fees</i>	\$24,333.33	
3/31/2007	[20070331]			[Invoice not located; Services defined from additional supporting documents.]		
				<i>Total Fees</i>	\$22,333.33	
7/18/2007	Q300136 - 2nd quarter 2007			Charges due under letter of credit number F843088 for the period 4/1/2007 - 6/30/2007.		
				<i>Periodic Commission</i>	\$9,100.00	
10/16/2007	Q300136 - 3rd quarter 2007			Charges due under letter of credit number F843088 for the period 7/1/2007 - 9/30/2007.		
				<i>Periodic Commission</i>	\$9,200.00	

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SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
SUNTRUST						
1/12/2009	Q300136 - 4th quarter 2007			Charges due under letter of credit number F843088 for the period 10/1/2007 - 12/31/2007. <i>Letter of Credit Fee</i>	\$9,200.00	
1/12/2009	Q300136 - 1st quarter 2008			Charges due under letter of credit number F843088 for the period 1/1/2008 - 3/31/2008. <i>Letter of Credit Fee</i>	\$9,100.00	
1/12/2009	Q300136 - 2nd quarter 2008			Charges due under letter of credit number F843088 for the period 4/1/2008 - 6/30/2008. <i>Letter of Credit Fee</i>	\$9,100.00	
					Total SunTrust	\$116,967
U.S. DEPARTMENT OF THE INTERIOR						
12/20/2002	[20021200]			Administrative Order on Consent for Remedial Investigation/Feasibility Study - Reimbursement for past costs contractor costs incurred by FWS for preparation of the PA/SI report for the AUS OU and costs incurred by IEPA <i>Total Past Costs</i>	\$882,959.00	
2/7/2005	[FY 2003 - 20050207; Revised 20060502]			Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit <i>Bureau of Reclamation - Labor, Travel, Miscellaneous and Interagency Agreement Costs</i> <i>Contracts - Bureau of Reclamation (URS Group Inc.)</i> <i>Fish and Wildlife Services - Labor, Travel, Miscellaneous and Interagency Agreement Costs</i> <i>FWS CERCLA Sitewide Labor Costs Allocated to AUS OU</i> <i>FWS CERCLA Sitewide Nonlabor Costs Allocated to AUS OU</i> <i>FWS Indirects</i>	\$125,130.97 \$272,753.04 \$286,406.89 \$90,954.58 \$112,329.18 \$159,763.44	X

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
U.S. DEPARTMENT OF THE INTERIOR						
5/2/2006	[20060502]			Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit		
				<i>Total</i>	\$114,483.75	
9/21/2007	[FY 2004 - 20070515; Revised 20070921]			Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit		X
				<i>Bureau of Reclamation - Contracts (URS Group Inc)</i>	\$498,591.47	
				<i>Bureau of Reclamation - Labor, Interagency Agreements, Travel and Miscellaneous Costs</i>	\$215,386.22	
				<i>DOI Office of the Solicitor - Labor and Travel Costs</i>	\$8,914.63	
				<i>Fish and Wildlife Services - Labor, Interagency Agreements, Travel and Miscellaneous Costs</i>	\$449,612.21	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$148,853.38	
7/22/2008	[FY 2005 - 20080722]			Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit		
				<i>Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)</i>	\$96,953.64	
				<i>Bureau of Reclamation - Contractor and Other Support Costs (US Dept. of the Treasury)</i>	\$84,220.07	
				<i>Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs</i>	\$52,789.88	
				<i>Contractor and Other Support (Defense Finance and Accounting Service)</i>	\$26,484.96	
				<i>Contractor and Other Support (Department of Justice)</i>	\$22,413.16	
				<i>Contractor and Other Support (Illinois EPA)</i>	\$7,348.65	
				<i>DOI Office of the Solicitor - Labor and Travel Costs</i>	\$10,166.86	
				<i>Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs</i>	\$141,851.43	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$141,413.13	
12/12/2008	[FY 2006 - 20081212]			Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit		X
				<i>Bureau of Reclamation - Contractor and Other Support Costs (Rocky Mountain Regional CASU FY 2005 Adj)</i>	\$1,279.46	
				<i>Bureau of Reclamation - Contractor and Other Support Costs (Rocky Mountain Regional CASU)</i>	\$22,548.62	
				<i>Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)</i>	\$274,166.58	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
U.S. DEPARTMENT OF THE INTERIOR						
				<i>Bureau of Reclamation - Contractor and Other Support Costs (US Dept. of the Treasury)</i>	\$1,511.17	
				<i>Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs</i>	\$37,763.23	
				<i>Contractor and Other Support (Defense Finance and Accounting Service)</i>	\$24,531.34	
				<i>Contractor and Other Support (Illinois EPA)</i>	\$25,768.63	
				<i>DOI Office of the Solicitor - Labor and Travel Costs</i>	\$18,536.91	
				<i>Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs</i>	\$131,223.07	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$175,696.18	
7/23/2009	[FY 2007 - 20090723]		Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit			
				<i>Bureau of Reclamation - Contractor and Other Support (Payroll Related TSC Charge)</i>	\$1,554.69	
				<i>Bureau of Reclamation - Contractor and Other Support Costs (Rocky Mountain Regional CASU)</i>	\$47,826.99	
				<i>Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)</i>	\$609,369.51	
				<i>Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs</i>	\$60,576.62	
				<i>Contractor and Other Support (Defense Finance and Accounting Service)</i>	\$333.18	
				<i>Contractor and Other Support (Illinois EPA)</i>	\$101,604.90	
				<i>DOI Office of the Solicitor - Labor and Travel Costs</i>	\$2,363.90	
				<i>Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs</i>	\$121,177.52	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$179,111.77	
1/22/2010	[FY 2008 - 20100122]		Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit			X
				<i>Bureau of Reclamation - Contractor and Other Support (Technical Support Services)</i>	\$35,852.38	
				<i>Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)</i>	\$943,175.67	
				<i>Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs</i>	\$43,806.98	
				<i>Contractor and Other Support (Defense Finance and Accounting Service)</i>	\$3,565.68	
				<i>Contractor and Other Support (Illinois EPA)</i>	\$44,314.24	
				<i>Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs</i>	\$156,014.92	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$227,108.25	
3/10/2011	[20110310]		Stipulation and Agreement Regarding the Assessment and Payment of Certain Stipulated Penalties			

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
U.S. DEPARTMENT OF THE INTERIOR						
				<i>Total Amount</i>	\$3,600,000.00	
3/22/2013	[FY 2009 - 20130322]			Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit		
				<i>Bureau of Reclamation - Contractor and Other Support (Technical Support Services)</i>	\$6,885.75	
				<i>Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)</i>	\$498,907.47	
				<i>Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs</i>	\$29,328.65	
				<i>Contractor and Other Support (Defense Finance and Accounting Service)</i>	\$495.20	
				<i>Contractor and Other Support (Illinois EPA)</i>	\$26,647.74	
				<i>Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs</i>	\$169,095.57	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$206,863.48	
10/1/2013	[FY 2010 - 20131001]			Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit		
				<i>Bureau of Reclamation - Contractor Support Costs (Technical Support Services)</i>	\$7,462.40	
				<i>Bureau of Reclamation - Contractor Support Costs (URS Group Inc)</i>	\$1,200,836.62	
				<i>Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs</i>	\$60,093.75	
				<i>Contractor Support Costs (Illinois EPA)</i>	\$42,007.69	
				<i>Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs</i>	\$112,672.08	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$173,345.34	
1/14/2014	[FY 2011 - 20140114]			Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit		
				<i>Bureau of Reclamation - Contractor Support Costs (Technical Support Services)</i>	\$4,197.60	
				<i>Bureau of Reclamation - Contractor Support Costs (URS Group Inc)</i>	\$500,613.97	
				<i>Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs</i>	\$38,858.56	
				<i>Contractor Support Costs (Illinois EPA)</i>	\$28,305.64	
				<i>Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs</i>	\$131,462.81	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$211,827.62	
10/6/2014	[FY 2012 - 20141006]			Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit		
				<i>Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)</i>	\$203,988.83	
				<i>Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs</i>	\$18,414.00	
				<i>Contractor Support Costs (Illinois EPA)</i>	\$19,993.42	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
U.S. DEPARTMENT OF THE INTERIOR						
				<i>DOI Office of the Solicitor - Labor Costs</i>	\$10,027.00	
				<i>Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs</i>	\$87,984.70	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$98,880.09	
3/26/2015	[FY 2013 - 20150326]		Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit			
				<i>Bureau of Reclamation - Contractor Support Costs (URS Group Inc)</i>	\$56,269.12	
				<i>Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs</i>	\$18,079.47	
				<i>Contractor Support Costs (Illinois EPA)</i>	\$31,038.93	
				<i>DOI Office of the Solicitor - Labor Costs</i>	\$33,498.99	
				<i>Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs</i>	\$553,936.86	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$206,297.52	
12/16/2015	[FY 2014 - 20151216]		Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit			
				<i>Contractor Support Costs (Illinois EPA)</i>	\$1,293.74	
				<i>DOI Office of the Solicitor - Labor and Travel Costs</i>	\$44,893.45	
				<i>Fish and Wildlife Services - Labor and Travel Costs</i>	\$257,781.25	
				<i>Fish and Wildlife Services - Miscellaneous (Other Costs)</i>	\$174,802.32	
				<i>Fish and Wildlife Services - Miscellaneous (URS Group Inc)</i>	\$583,231.59	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$235,387.52	
6/13/2016	[FY 2015 - 20160613]		Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit			
				<i>DOI Office of the Solicitor - Labor and Travel Costs</i>	\$58,193.51	
				<i>Fish and Wildlife Services - Labor and Travel Costs</i>	\$239,348.13	
				<i>Fish and Wildlife Services - Miscellaneous (Illinois EPA)</i>	\$99,067.80	
				<i>Fish and Wildlife Services - Miscellaneous (Other Costs)</i>	\$151,265.84	
				<i>Fish and Wildlife Services - Miscellaneous (URS Group Inc)</i>	\$353,999.32	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$393,844.58	
1/26/2017	[FY 2016 - 20170126]		Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit			X
				<i>DOI Office of the Solicitor - Labor and Travel Costs</i>	\$78,511.54	
				<i>Fish and Wildlife Services - Labor and Travel Costs</i>	\$151,212.11	
				<i>Fish and Wildlife Services - Miscellaneous (Illinois EPA)</i>	\$33,203.23	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
U.S. DEPARTMENT OF THE INTERIOR						
				<i>Fish and Wildlife Services - Miscellaneous (Other Costs)</i>	\$252,224.67	
				<i>Fish and Wildlife Services - Miscellaneous (URS Group Inc)</i>	\$493,304.91	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$426,011.84	
5/1/2018	[FY 2017 - 20180500]			Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit		
				<i>DOI Office of the Solicitor - Labor and Travel Costs</i>	\$86,940.52	
				<i>Fish and Wildlife Services - Labor and Travel Costs</i>	\$120,999.13	
				<i>Fish and Wildlife Services - Miscellaneous (DPRA Incorporated)</i>	\$273,470.04	
				<i>Fish and Wildlife Services - Miscellaneous (Illinois EPA)</i>	\$38,196.95	
				<i>Fish and Wildlife Services - Miscellaneous (Other Costs)</i>	\$313,971.77	
				<i>Fish and Wildlife Services - Miscellaneous (URS Group Inc)</i>	\$399,770.90	
				<i>FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU</i>	\$495,037.71	
5/4/2018	[20180504]			[Invoice not located; Services defined from additional supporting documents.]		
				<i>Total</i>	\$1,253.08	
					Total U.S. Department of the Interior	\$21,386,097
U.S. ENVIRONMENTAL PROTECTION AGENCY						
12/20/2002	[20021200]			Administrative Order on Consent for Remedial Investigation/Feasibility Study - Reimbursement for past response costs incurred by U.S. EPA		
				<i>Total Past Costs</i>	\$187,586.21	
11/9/2005	[20051109]			Oversight past costs incurred between October 1, 2002 and December 26, 2002		
				<i>Total Past Costs</i>	\$19,980.20	
11/9/2005	[20051109]			Crab Orchard oversight costs for the period October 1, 2002 through September 30, 2004		
				<i>Total Past Costs</i>	\$253,720.16	
1/25/2007	[FY 2005/2006 - 20070125]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		
				<i>EPA Indirect Costs</i>	\$45,916.30	
Nathan Associates						

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
U.S. ENVIRONMENTAL PROTECTION AGENCY						
				<i>Oversight Contract (Techlaw, Inc.)</i>	\$61,912.08	
				<i>Payroll Costs</i>	\$20,517.99	
				<i>Travel Costs</i>	\$827.06	
12/11/2007	[FY 2007 - 20071211]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		
				<i>EPA Indirect Costs</i>	\$64,082.12	
				<i>Oversight Contract (Techlaw, Inc.)</i>	\$89,016.28	
				<i>Payroll Costs</i>	\$31,243.79	
				<i>Travel Costs</i>	\$1,638.55	
11/3/2008	[FY 2008 - 20081103]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		
				<i>EPA Indirect Costs</i>	\$71,224.24	
				<i>Oversight Contract (Techlaw, Inc.)</i>	\$88,220.44	
				<i>Payroll Costs</i>	\$36,482.73	
				<i>Travel Costs</i>	\$1,962.74	
12/4/2009	[FY 2009 - 20091204]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		
				<i>EPA Indirect Costs</i>	\$75,067.18	
				<i>Oversight Contract (Techlaw, Inc.)</i>	\$108,744.77	
				<i>Payroll Costs</i>	\$11,917.26	
				<i>Travel Costs</i>	\$1,081.67	
4/6/2011	[FY 2010 - 20110406]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		
				<i>EPA Indirect Costs</i>	\$36,616.54	
				<i>Oversight Contract (Techlaw, Inc.)</i>	\$41,163.56	
				<i>Payroll Costs</i>	\$16,481.39	
				<i>Travel Costs</i>	\$698.84	
1/27/2012	[FY 2011 - 20120127]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		
				<i>EPA Indirect Costs</i>	\$78,909.19	
				<i>Oversight Contract (Techlaw, Inc.)</i>	\$136,927.81	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
U.S. ENVIRONMENTAL PROTECTION AGENCY						
				<i>Payroll Costs</i>	\$22,383.31	
				<i>Travel Costs</i>	\$910.60	
1/18/2013	[FY 2012 - 20130118]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		
				<i>EPA Indirect Costs</i>	\$15,119.39	
				<i>Oversight Contract (Techlaw, Inc.)</i>	\$2,466.41	
				<i>Payroll Costs</i>	\$21,111.78	
				<i>Travel Costs</i>	\$962.31	
11/22/2013	[FY 2013 - 20131122]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		
				<i>EPA Indirect Costs</i>	\$6,402.72	
				<i>Payroll Costs</i>	\$10,696.13	
				<i>Travel Costs</i>	\$654.24	
1/28/2015	[FY 2014 - 20150128]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		
				<i>EPA Indirect Costs</i>	\$8,071.56	
				<i>Oversight Contract (Techlaw, Inc.)</i>	\$119.16	
				<i>Payroll Costs</i>	\$13,925.67	
1/21/2016	[FY 2015 - 20160121]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		
				<i>EPA Indirect Costs</i>	\$43,609.11	
				<i>Oversight Contract (Techlaw, Inc.)</i>	\$6,156.80	
				<i>Payroll Costs</i>	\$49,377.26	
				<i>Travel Costs</i>	\$939.74	
1/23/2017	[FY 2016 - 20170123]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		
				<i>EPA Indirect Costs</i>	\$18,708.67	
				<i>Payroll Costs</i>	\$29,775.43	
				<i>Travel Costs</i>	\$419.29	
1/23/2018	[FY 2017 - 20180123]			Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity		

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
U.S. ENVIRONMENTAL PROTECTION AGENCY						
				Contract Costs (Techlaw, Inc.)	\$16,960.74	
				EPA Indirect Costs	\$18,449.14	
				Payroll Costs	\$14,581.66	
Total U.S. Environmental Protection Agency					\$1,783,740	
US BANK						
7/7/2011	[20110707]			Charges due under letter of credit number SLCLSTL06611 for the period 4/19/2011 - 7/1/2011.		
				Commission, courier fee, billing fee	\$2,777.50	
9/19/2011	[20110919]			Charges due under letter of credit number SLCLSTL06611 for the period 7/1/2011 - 10/1/2011.		
				Commission and billing fee	\$3,475.00	
12/29/2011	[20111229]			Charges due under letter of credit number SLCLSTL06611 for the period 10/1/2011 - 1/1/2012.		
				Commission and billing fee	\$3,475.00	
3/26/2012	[20120326]			Charges due under letter of credit number SLCLSTL08296 for the period 3/20/2012 - 4/1/2012.		
				Commission, courier fee and billing fee	\$265.00	
3/28/2012	[20120328]			Charges due under letter of credit number SLCLSTL06611 for the period 1/1/2012 - 4/1/2012.		
				Commission and billing fee	\$3,437.50	
4/30/2012	[20120430]			Charges due under letter of credit number SLCLSTL06611 for the period 4/1/2012 - 4/30/2012.		
				Commission and billing fee	\$1,112.50	
6/28/2012	[20120628]			Charges due under letter of credit number SLCLSTL08296 for the period 4/1/2012 - 7/1/2012.		
				Commission and billing fee	\$1,731.25	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
US BANK						
9/24/2012	[20120924]			Charges due under letter of credit number SLCLSTL08296 for the period 7/1/2012 - 10/1/2012. <i>Commission and billing fee</i>	\$1,750.00	
12/28/2012	[20121228]			Charges due under letter of credit number SLCLSTL08296 for the period 10/1/2012 - 1/1/2013. <i>Commission and billing fee</i>	\$1,750.00	
3/14/2013	[20130314]			Charges due under letter of credit number SLCLSTL08296 for the period 1/1/2013 - 4/1/2013. <i>Commission and billing fee</i>	\$1,712.50	
4/30/2013	[20130430]			Charges due under letter of credit number SLCLSTL08296 for the period 4/1/2013 - 4/30/2013. <i>Commission and billing fee</i>	\$568.75	
5/23/2014	[20140523]			Charges due under letter of credit number SLCLSTL09793 for the period 4/30/2013 - 4/30/2014. <i>Commission, admin amend fee, courier fee and billing fee</i>	\$4,717.50	
4/22/2015	[20150422]			Charges due under letter of credit number SLCLSTL09793 for the period 4/30/2014 - 4/30/2015. <i>Commission, admin amend fee, courier fee and billing fee</i>	\$4,702.50	
					Total US Bank	\$31,475
USA ENVIRONMENTAL, INC.						
9/24/2009	2020-280-01	16393	Crab Orchard National Wildlife Refuge	Crab Orchard Site Visit to Attend UXO Characterizations Meetings; Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization <i>Labor, Travel and Per Diem</i>	\$5,513.34	
1/29/2010	2020-280-02	16393	Crab Orchard National Wildlife Refuge	Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization <i>Labor</i>	\$35,025.39	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
USA ENVIRONMENTAL, INC.						
2/24/2010	2020-280-03	16393	Crab Orchard National Wildlife Refuge	Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization		
				<i>Labor</i>	\$1,958.24	
3/16/2010	2020-280-04	16393	Crab Orchard National Wildlife Refuge	Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization		
				<i>Labor</i>	\$1,030.91	
6/22/2010	2020-280-05	16393	Crab Orchard National Wildlife Refuge	Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization		
				<i>Labor</i>	\$3,744.74	
8/5/2010	2020-280-06	16393	Crab Orchard National Wildlife Refuge	Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization		X
				<i>Labor and Other Direct Costs (FedEx)</i>	\$10,354.41	
6/6/2011	2020-280-08	16393	Crab Orchard National Wildlife Refuge	Crab Orchard UXO/MEC/Asbestos Mtg w/ FWS, IEDP, EPA to review workplan; Preparation of Revised UXO/MEC Asbestos workplan for Site 069		
				<i>Current Billing</i>	\$12,546.00	
9/29/2011	2020-280-09	16393	Crab Orchard National Wildlife Refuge	Estimate to complete revisions to Site 0069 MEC workplan		
				<i>Current Billing</i>	\$7,447.00	
2/28/2012	2020-280-10	16393	Crab Orchard National Wildlife Refuge	Work Plan revision 6 Env Consulting UXO (MEC) Crab Orchard		
				<i>Current Billing</i>	\$3,861.00	
5/15/2012	2020-294-01	16393	Crab Orchard National Wildlife Refuge	MEC/UXO Site 69 Characterization		
				<i>Total</i>	\$198,523.96	
7/13/2012	2020-294-02	16393	Crab Orchard National Wildlife Refuge	MEC/UXO Site 69 Characterization		
				<i>Total</i>	\$286,886.70	

SCHEDULE D
Invoice Cost Detail by Vendor

<i>Date</i>	<i>Invoice Number</i>	<i>Project Number</i>	<i>Project Name</i>	<i>Invoice and Task Description</i>	<i>Invoice Amount</i>	<i>Adjusted / Excluded Cost</i>
USA ENVIRONMENTAL, INC.						
8/15/2012	2020-294-03	16393	Crab Orchard National Wildlife Refuge	MEC/UXO Site 69 Characterization		
				<i>Total</i>	\$245,809.67	
10/22/2012	2020-294-04	16393	Crab Orchard National Wildlife Refuge	MEC/UXO Site 69 Characterization		
				<i>Total</i>	\$10,484.55	
6/26/2014	2020-294-05	16393	Crab Orchard National Wildlife Refuge	MEC/UXO Site 69 Characterization		
				<i>Total</i>	\$6,989.70	
7/20/2015	2020-294-06	16393	Crab Orchard National Wildlife Refuge	MEC/UXO Site 69 Characterization		
				<i>Total</i>	\$5,824.75	
<div> <div>Total USA Environmental, Inc.</div> <div>\$836,000</div> </div>						
					TOTAL COSTS	\$57,869,166

SCHEDULE E
Adjusted Cost Detail by Vendor¹

					Reason for Adjustment		
Date	Invoice Number	Invoice Description	Invoice Amount	Related Amount	Double-Counting	Payment Discrepancy	Not Related
CM RICHARDS							
9/18/2019	[20190918]	Curt M. Richards expenses	\$1,186.27	\$0.00	-	-	x
3/31/2020	[20200331]	Curt M. Richards expenses	\$697.00	\$0.00	-	-	x
			Total Adjusted	\$1,883			
CONESTOGA-ROVERS & ASSOCIATES							
12/6/2006	109910	Remedial Investigation and Technical Assistance	\$346,019.31	\$241,019.31	-	x	-
7/12/2007	129118	Phase I Stage 2A - Remedial Investigation and Technical Assistance	\$147,455.81	\$144,667.94	-	x	-
3/17/2008	155870-155871	Lump sum charges for mobilization/demobilization and ATV rental for the additional sediment/surface water surveying.	\$3,240.00	\$2,240.00	-	-	x
			Total Adjusted	\$108,788			
ELM CONSULTING LLC							
12/17/2002	6	Consulting service.	\$297.44	\$286.00	-	x	-
			Total Adjusted	\$11			
ERG - PROJECT MANAGEMENT							
1/11/2018	[5550111]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x
2/13/2018	[5550213]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x
3/6/2018	[5550306]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x
4/12/2018	[5550412]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x
5/16/2018	[5550516]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x
6/11/2018	[5550611]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x
7/19/2018	[5550719]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x

SCHEDULE E
Adjusted Cost Detail by Vendor¹

					Reason for Adjustment		
Date	Invoice Number	Invoice Description	Invoice Amount	Related Amount	Double-Counting	Payment Discrepancy	Not Related
ERG - PROJECT MANAGEMENT							
8/3/2018	[5550803]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x
9/12/2018	[5550912]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x
10/9/2018	[5551009]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x
11/13/2018	[5551113]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x
12/6/2018	[5551206]	[Scope of services unknown]	\$833.00	\$0.00	-	-	x
1/10/2019	[5550119]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
2/8/2019	[5550210]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
3/25/2019	[5550325]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
4/30/2019	[5550430]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
5/13/2019	[5550513]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
6/24/2019	[5550624]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
7/10/2019	[5550710]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
8/31/2019	[5550831]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
9/20/2019	[5550920]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
10/15/2019	[5551015]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
11/14/2019	[5551114]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
12/3/2019	[5551203]	[Scope of services unknown]	\$1,666.67	\$0.00	-	-	x
1/29/2020	[5550129]	[Scope of services unknown]	\$833.33	\$0.00	-	-	x
2/12/2020	[5550212]	[Scope of services unknown]	\$833.33	\$0.00	-	-	x
3/13/2020	[5550313]	[Scope of services unknown]	\$833.33	\$0.00	-	-	x

SCHEDULE E
Adjusted Cost Detail by Vendor¹

					Reason for Adjustment		
Date	Invoice Number	Invoice Description	Invoice Amount	Related Amount	Double-Counting	Payment Discrepancy	Not Related
ERG - PROJECT MANAGEMENT							
			Total Adjusted	\$32,496			
ERG - TRAVEL							
3/7/2018	EE738725A23C43F485E3	Curtis M. Richards Travel Expenses	\$10.90	\$0.00	-	-	x
3/7/2018	EE738725A23C43F485E3	Curtis M. Richards Travel Expenses	\$1,109.83	\$0.00	-	-	x
3/7/2018	EE738725A23C43F485E3	Curtis M. Richards Travel Expenses	\$62.37	\$0.00	-	-	x
5/2/2018	A8279F8C47O34F75B1FC	Curtis M. Richards Travel Expenses	\$10.90	\$0.00	-	-	x
5/2/2018	A8279F8C47O34F75B1FC	Curtis M. Richards Travel Expenses	\$1,877.51	\$0.00	-	-	x
5/2/2018	A8279F8C47O34F75B1FC	Curtis M. Richards Travel Expenses	\$14.68	\$0.00	-	-	x
			Total Adjusted	\$3,086			
GNARUS ADVISORS, LLC							
4/30/2015	3608	Professional Services	\$3,762.50	\$3,150.00	-	x	-
			Total Adjusted	\$613			
JENNER & BLOCK							
2/1/2002	8839443	Professional services	\$31,368.36	\$27,543.75	-	-	x
4/1/2002	8848713	Professional services	\$62,110.37	\$21,432.50	x	-	x
5/1/2002	8851476	Professional services	\$84,170.18	\$30,332.50	-	-	x
7/1/2002	8858077	Professional services	\$107,359.54	\$31,421.25	x	-	x
8/1/2002	8861259	Professional services	\$21,708.06	\$4,252.50	-	-	x
9/1/2002	8864635	Professional services	\$25,852.08	\$17,010.00	-	-	x

SCHEDULE E
Adjusted Cost Detail by Vendor¹

					Reason for Adjustment		
Date	Invoice Number	Invoice Description	Invoice Amount	Related Amount	Double-Counting	Payment Discrepancy	Not Related
JENNER & BLOCK							
10/1/2002	8867950	Professional services	\$40,437.74	\$15,113.75	-	-	x
11/1/2002	8871519	Professional services	\$146,782.24	\$20,425.00	x	-	x
12/1/2002	8874690	Professional services	\$51,775.19	\$26,860.00	-	-	x
1/1/2003	8879357	Professional services	\$37,772.08	\$3,592.50	-	-	x
2/1/2003	8882820	Professional services	\$59,775.40	\$31,065.75	-	-	x
3/1/2003	8885927	Professional services	\$29,733.93	\$25,852.50	-	-	x
4/1/2003	8889666	Professional services	\$322,496.09	\$36,831.38	x	-	x
5/1/2003	8892750	Professional services	\$39,173.38	\$35,164.13	-	-	x
6/1/2003	8895847	Professional services	\$143,591.21	\$32,171.63	x	-	x
7/1/2003	8898930	Professional services	\$425,359.67	\$8,138.25	x	-	x
8/1/2003	8902339	Professional services	\$13,140.03	\$9,365.63	-	-	x
9/1/2003	8905882	Professional services	\$55,476.96	\$39,263.63	-	-	x
10/1/2003	8909283	Professional services	\$12,529.46	\$3,850.88	-	-	x
11/1/2003	8912465	Professional services	\$545,828.13	\$6,783.75	x	-	x
12/1/2003	8915844	Professional services	\$18,331.41	\$4,275.00	-	-	x
1/1/2004	8921211	Professional services	\$39,207.50	\$38,113.88	-	-	x
2/1/2004	8924892	Professional services	\$183,233.93	\$46,368.00	x	-	x
3/1/2004	8928028 Revised	Professional services	\$67,483.42	\$29,993.63	-	-	x
4/1/2004	8930802	Professional services	\$43,320.70	\$38,994.75	-	-	x
5/1/2004	8934564	Professional services	\$511,813.32	\$18,730.13	x	-	x

Nathan Associates

SCHEDULE E
Adjusted Cost Detail by Vendor¹

					Reason for Adjustment		
Date	Invoice Number	Invoice Description	Invoice Amount	Related Amount	Double-Counting	Payment Discrepancy	Not Related
JENNER & BLOCK							
6/1/2004	8938086	Professional services	\$25,818.74	\$23,713.20	-	-	x
7/1/2004	8940908	Professional services	\$13,315.25	\$13,581.00	-	-	x
8/1/2004	8945140	Professional services	\$362,133.11	\$48,404.25	x	-	x
9/1/2004	8948972	Professional services	\$227,262.43	\$97,999.88	x	-	x
10/1/2004	8951754	Professional services	\$12,594.23	\$7,120.13	-	-	x
11/1/2004	8955455	Professional services	\$24,839.32	\$4,133.25	-	-	x
12/1/2004	8958738	Professional services	\$81,019.69	\$5,411.25	x	-	x
1/1/2005	8969106	Professional services	\$6,573.75	\$5,928.75	-	-	x
2/1/2005	8969395	Professional services	\$92,406.42	\$893.25	x	-	x
3/1/2005	8973164	Professional services	\$24,049.99	\$21,045.38	-	-	x
4/1/2005	8976630	Professional services	\$62,688.12	\$36,083.25	x	-	x
5/1/2005	8981074	Professional services	\$52,518.00	\$44,932.50	-	-	x
6/1/2005	8984848	Professional services	\$166,501.33	\$16,534.13	x	-	x
7/1/2005	8988627	Professional services	\$19,720.43	\$7,531.88	-	-	x
8/29/2005	8991940	Professional services	\$312,639.71	\$14,245.88	x	-	x
9/30/2005	8996229	Professional services	\$11,858.83	\$9,040.50	-	-	x
10/1/2005	8999632 Revised	Professional services	\$28,542.66	\$21,992.63	-	-	x
11/1/2005	9003680	Professional services	\$266,351.77	\$14,788.13	x	-	x
12/1/2005	9007027	Professional services	\$11,316.37	\$10,314.00	-	-	x
1/1/2006	9011954	Professional services	\$12,839.65	\$7,113.38	x	-	x

Nathan Associates

SCHEDULE E
Adjusted Cost Detail by Vendor¹

					Reason for Adjustment		
Date	Invoice Number	Invoice Description	Invoice Amount	Related Amount	Double-Counting	Payment Discrepancy	Not Related
JENNER & BLOCK							
2/1/2006	9017905	Professional services	\$3,578.45	\$3,557.25	-	-	x
3/1/2006	9021115	Professional services	\$167,237.76	\$4,646.25	x	-	x
4/1/2006	9024425	Professional services	\$349,566.67	\$3,866.63	x	-	x
5/1/2006	9027710	Professional services	\$16,745.28	\$8,694.00	-	-	x
6/1/2006	9030920	Professional services	\$212,291.60	\$3,678.75	x	-	x
7/1/2006	9033965	Professional services	\$88,972.19	\$7,395.75	x	-	x
8/1/2006	9037022	Professional services	\$241,162.68	\$0.00	x	-	x
9/1/2006	9040457	Professional services	\$13,088.71	\$3,838.50	-	-	x
10/1/2006	9043537	Professional services	\$61,607.77	\$1,998.00	x	-	x
11/1/2006	9046786	Professional services	\$6,665.97	\$4,656.38	-	-	x
3/1/2007	9059794	Professional services	\$39,827.93	\$36,156.38	-	-	x
4/1/2007	9062751	Professional services	\$43,843.22	\$17,088.75	x	-	x
5/1/2007	9065731	Professional services	\$25,285.04	\$14,803.88	-	-	x
6/1/2007	9068803	Professional services	\$34,572.44	\$21,067.88	-	-	x
7/1/2007	9071896	Professional services	\$6,411.80	\$4,734.00	-	-	x
8/1/2007	9075052	Professional services	\$8,481.95	\$4,290.75	-	-	x
9/1/2007	9078040	Professional services	\$32,685.76	\$11,702.25	-	-	x
10/1/2007	9080894	Professional services	\$44,605.29	\$35,669.25	-	-	x
11/1/2007	9084012	Professional services	\$28,051.77	\$20,110.50	-	-	x
12/1/2007	9087654	Professional services	\$25,802.81	\$10,848.38	-	-	x

Nathan Associates

SCHEDULE E
Adjusted Cost Detail by Vendor¹

					Reason for Adjustment		
Date	Invoice Number	Invoice Description	Invoice Amount	Related Amount	Double-Counting	Payment Discrepancy	Not Related
JENNER & BLOCK							
1/1/2008	9091270	Professional services	\$4,780.27	\$4,281.75	-	-	x
2/1/2008	9094162	Professional services	\$10,701.09	\$10,469.25	-	-	x
			Total Adjusted	\$5,153,479			
NEWFIELDS (MEDIATION)							
11/5/2017	1503199	Litigation Support	\$50.00	\$0.00	-	-	x
			Total Adjusted	\$50			
NEWFIELDS (RI/FS)							
12/19/2002	4294	Technical and strategic planning assistance	\$39,560.89	\$39,460.89	-	x	-
5/22/2003	5014	Technical and strategic planning assistance	\$155,705.03	\$137,030.03	-	-	x
6/18/2003	5259	Technical and strategic planning assistance	\$63,207.59	\$42,257.59	-	-	x
7/15/2003	5394	Technical and strategic planning assistance	\$96,054.62	\$92,729.62	-	-	x
8/13/2003	5668	Technical and strategic planning assistance	\$125,957.96	\$118,255.08	-	-	x
9/12/2003	5909	Technical and strategic planning assistance	\$31,253.67	\$22,253.67	-	-	x
10/3/2003	6063	Technical and strategic planning assistance	\$49,327.54	\$48,727.54	-	-	x
11/7/2003	6290	Technical and strategic planning assistance	\$38,685.46	\$31,497.96	-	-	x
12/3/2003	6416	Technical and strategic planning assistance	\$22,428.50	\$16,978.50	-	-	x
5/12/2004	7589	Technical and strategic planning assistance	\$47,488.46	\$46,138.46	-	-	x
7/9/2004	7912	Technical and strategic planning assistance	\$51,088.97	\$49,488.97	-	-	x
10/8/2004	8756	Technical and strategic planning assistance	\$27,185.39	\$26,935.39	-	-	x

SCHEDULE E
Adjusted Cost Detail by Vendor¹

					Reason for Adjustment		
Date	Invoice Number	Invoice Description	Invoice Amount	Related Amount	Double-Counting	Payment Discrepancy	Not Related
NEWFIELDS (RI/FS)							
2/3/2005	9884	Technical and strategic planning assistance	\$16,959.86	\$12,654.86	-	-	x
3/7/2005	10256	Technical and strategic planning assistance	\$3,137.50	\$1,837.50	-	-	x
6/8/2005	11183	Technical and strategic planning assistance	\$76,007.86	\$75,975.86	-	x	-
11/9/2005	12502	Technical and strategic planning assistance	\$25,504.04	\$24,804.04	-	-	x
4/18/2006	13922	Technical and strategic planning assistance	\$89,486.68	\$41,016.68	-	x	-
				Total Adjusted	\$130,997		
POLSINELLI PC							
1/18/2018	1487141	Crab Orchard Superfund Site	\$5,100.48	\$5,089.28	-	-	x
4/19/2018	1520511	Crab Orchard Superfund Site	\$31,983.93	\$31,503.93	-	-	x
5/10/2018	1525784	Crab Orchard Superfund Site	\$11,308.58	\$11,232.58	-	-	x
6/8/2018	1534720	Crab Orchard Superfund Site	\$12,386.66	\$12,270.20	-	-	x
9/10/2018	1567852	Crab Orchard Superfund Site	\$4,340.42	\$1,260.42	-	-	x
10/5/2018	1581665	Crab Orchard Superfund Site	\$2,761.33	\$2,461.33	-	-	x
11/9/2018	1589329	Crab Orchard Superfund Site	\$7,971.83	\$5,856.83	-	-	x
1/10/2019	1610162	Crab Orchard Superfund Site	\$5,426.32	\$4,274.32	-	-	x
3/18/2019	1630115	Crab Orchard Superfund Site	\$1,876.68	\$1,556.68	-	-	x
4/10/2019	1641382	Crab Orchard Superfund Site	\$32,415.93	\$30,687.93	-	-	x
5/10/2019	1652329	Crab Orchard Superfund Site	\$39,887.40	\$39,231.90	-	-	x
6/10/2019	1662256	INA (OLIN V)	\$5,287.50	\$2,796.50	-	-	x

SCHEDULE E
Adjusted Cost Detail by Vendor¹

					Reason for Adjustment		
Date	Invoice Number	Invoice Description	Invoice Amount	Related Amount	Double-Counting	Payment Discrepancy	Not Related
POLSINELLI PC							
7/10/2019	1674014	Crab Orchard Superfund Site	\$66,829.08	\$65,305.08	-	-	x
8/9/2019	1685794	Crab Orchard Superfund Site	\$64,973.60	\$62,185.10	-	-	x
9/9/2019	1696439	Crab Orchard Superfund Site	\$63,496.64	\$49,634.14	-	x	x
10/7/2019	1709568	Crab Orchard Superfund Site	\$89,833.37	\$70,197.37	-	-	x
11/8/2019	1721286	Crab Orchard Superfund Site	\$90,989.53	\$59,747.03	-	-	x
12/6/2019	1731763	Crab Orchard Superfund Site	\$50,471.73	\$48,559.23	-	-	x
3/10/2020	1763619	Crab Orchard Superfund Site	\$36,004.95	\$35,392.95	-	-	x
				Total Adjusted	\$84,103		
SHANNON & WILSON							
11/30/2009	22904	Statement of Account	\$1,156.14	\$1,080.00	-	-	x
12/11/2013	28886	Revised Draft RI Report & FS Tasks	\$17,892.50	\$17,469.41	-	x	-
				Total Adjusted	\$499		
U.S. DEPARTMENT OF THE INTERIOR							
2/7/2005	[FY 2003 - 20050207; Revised 20060502]	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	\$1,047,338.10	\$582,189.07	-	x	-
9/21/2007	[FY 2004 - 20070515; Revised 20070921]	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	\$1,321,357.91	\$1,297,290.79	-	x	-
12/12/2008	[FY 2006 - 20081212]	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	\$713,025.19	\$712,811.29	-	x	-
1/22/2010	[FY 2008 - 20100122]	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	\$1,453,838.12	\$1,457,089.27	-	x	-

SCHEDULE E
Adjusted Cost Detail by Vendor¹

					Reason for Adjustment		
Date	Invoice Number	Invoice Description	Invoice Amount	Related Amount	Double-Counting	Payment Discrepancy	Not Related
U.S. DEPARTMENT OF THE INTERIOR							
1/26/2017	[FY 2016 - 20170126]	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	\$1,434,468.30	\$1,435,004.75	-	x	-
			Total Adjusted	\$485,642			
USA ENVIRONMENTAL, INC.							
8/5/2010	2020-280-06	Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization	\$10,354.41	\$9,502.72	-	x	-
			Total Adjusted	\$852			
			Total Adjusted	\$6,002,500			

Note:

1. Payment discrepancies under \$1 not included.

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX B

Attachments

Nathan Associates

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX B-1

Overview of CERCLA

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Appendix B-1

Origins of CERCLA

The current framework of national environmental laws and regulations were initiated concurrently with the creation of the United States Environmental Protection Agency (“USEPA”) in late 1970. USEPA’s creation was instigated by national public concern about polluted air and water that was clouding the skies and making waterways an ugly and odorous part of everyday life. The public applied pressure to Congress to address these problems.

The first laws enacted to address these issues, the Clean Air Act in 1970 and the Clean Water Act in 1972, were related to the most visible and concerning environmental problems in the country. It wasn’t until nearly 10 years later that the hidden and dangerous legacy of uncontrolled and mismanaged land disposal of toxic wastes was brought to light, and in a most dramatic way, at the Love Canal site in Niagara Falls, New York.

Prior to 1980, there was no organized or effective governmental capability to respond to the threat of releases of hazardous waste. In response to that threat, Congress enacted Comprehensive Environmental Response, Compensation, and Liability Act (“CERCLA”) in 1980. CERCLA is commonly known as the federal Superfund law. The Superfund law is a very comprehensive statute that contained unprecedented and powerful liability and implementation capabilities. Under this law, companies who were connected to previously disposed toxic wastes have the responsibility to clean-up the environmental problems created by the disposal of the waste, without regard to whether the activity that allowed the disposal was legal or not at the time of the disposal. There were limited excuses for escaping the liability to clean-up the resultant problems. Parties held liable under CERCLA for toxic waste disposal are subject to strict, retroactive, and joint and several liability. The joint and several liability provision of CERCLA means that a private party with liability for some element of an overall site contamination can be, and often is, held liable for the entire site cleanup costs. In addition, the Superfund law imposes a tax on the petrochemical industry for cleanups when no parties could be found to perform the cleanup. That tax has allowed USEPA to perform cleanups directly when necessary.

The Superfund law and corresponding regulations set up a comprehensive program to find the most serious hazardous sites across the country, determine which sites presented the greatest threats and

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as a result required federal attention, and to conduct or oversee an orderly, stepwise, technical process and with a primary focus on compelling responsible parties to perform the work at the waste sites under strict government oversight. That process is described in detail in the federal regulations developed to implement the Superfund law and it is called the National Oil and Hazardous Substances Pollution Contingency Plan, commonly called the NCP.

CERCLA Investigation and Remediation Process

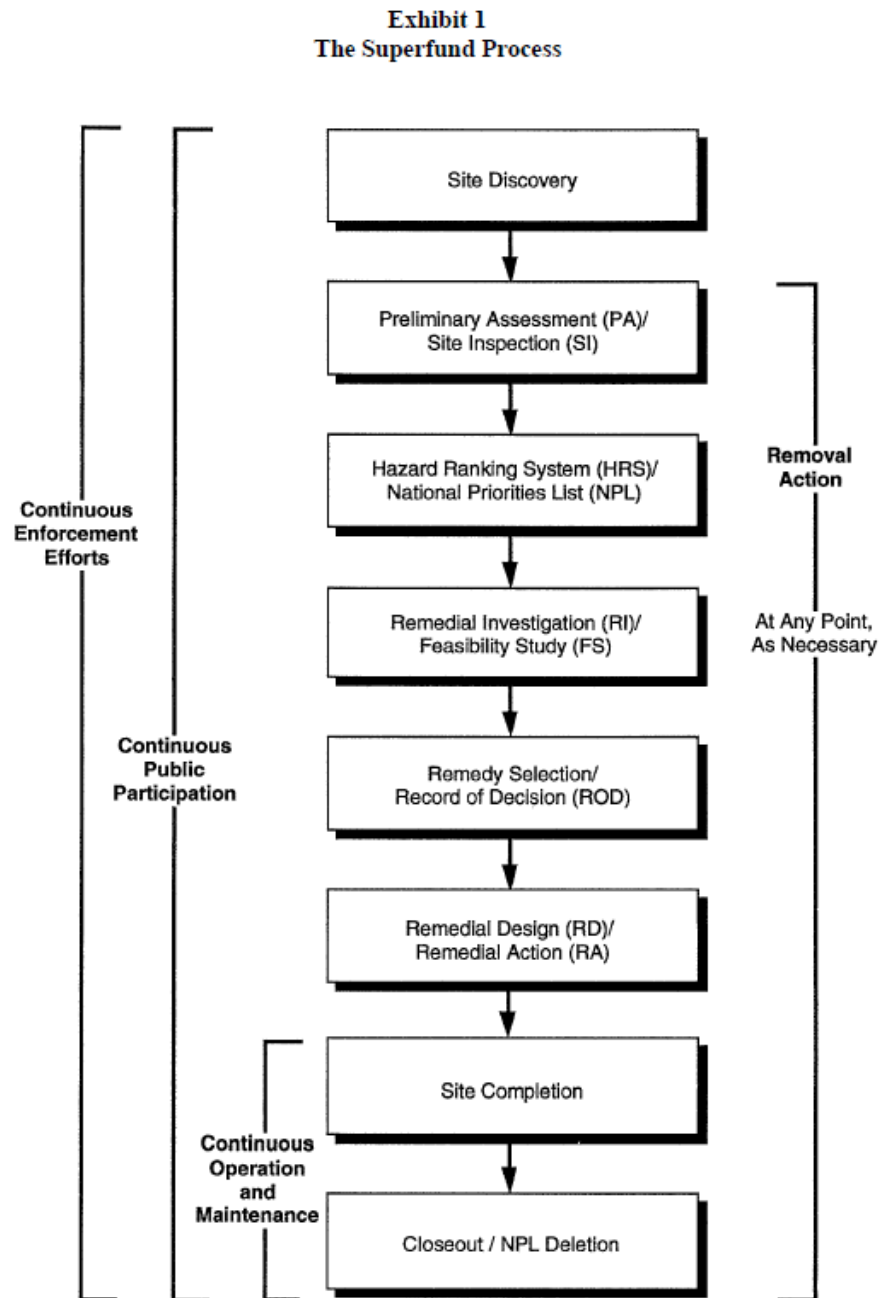
The process for investigating and ultimately remediating a site under CERCLA first involves identifying the priority sites across the country using an objective scoring system called the hazard ranking system (“HRS”). Once an identified site is scored under the HRS and passes a certain threshold, it is added to the National Priorities List (“NPL”) and contamination at the site is typically studied through the following steps:

- A Preliminary Assessment/Site Inspection screening process to focus on the most significant parts of the site. At each site, there may be multiple areas that are separately investigated and remediated; these are referred to as Operable Units.
- A more detailed Site Characterization process or Remedial Investigation (“RI”) to identify the type of contaminants and their presence in soils, groundwater, surface water, sediments, ecosystem, and other parts of the environment.
- A Feasibility Study (“FS”) to evaluate the range of solutions to remediate the contamination found in the RI and evaluate those alternatives against a prescribed set of criteria.
- A Proposed Plan is prepared by the USEPA (or another regulatory agency, depending on the site) to identify the agency-preferred remedy and to present it to the public for review and comment.
- A Record of Decision to select a remedy in consideration of the selection criteria and the comments from the public is prepared by the USEPA.
- The selected remedy is then designed and implemented – either by a potentially responsible party (or parties), USEPA, or another agency.

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The following figure shows the Superfund process from initiation to completion:¹



¹ See USEPA. October 1992. CERCLA/Superfund Orientation Manual; at page III-2. Available at: <https://semspub.epa.gov/work/HQ/132818.pdf>

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There are approximately only 1,500 sites across the nation on the NPL, which is indicative of the select nature of this list of sites presenting the highest risk to public health and/or the environment. States maintain their own lists of sites with estimates of more than 30,000 hazardous sites nationwide being addressed mostly by states.

Given the number and complexity of sites on the NPL, it should be no surprise that the cost to investigate and cleanup all the NPL sites vastly exceeds the funds available in Superfund. As a result, USEPA has long held an “enforcement first” policy, which prioritizes identifying potentially responsible parties (“PRPs”) to conduct the RI/FS and implement the remedy.²

This enforcement first policy begins with USEPA conducting searches for PRPs who have historical or current involvement at the site. USEPA then seeks to have one, some, or all those parties perform the RI/FS. This is accomplished through the use of settlement agreements (sometimes in the form of an Administrative Order on Consent), or in the absence of PRP cooperation, unilateral orders compelling a party to action.

Regardless of whether settlement agreements or unilateral orders are used, the end result is that PRPs are held legally responsible for conducting and bearing the cost of the RI/FS with oversight by the regulatory agencies. There are stipulated requirements and potential penalties in place throughout the development and implementation process, and at all stages the agencies generally have the final approval for deliverables. Thus, while the PRPs are performing the actual investigation and report writing, and have the right to advocate for their judgment and points of view, the agencies are ultimately responsible for overseeing the work, guiding its direction, approving the work product, defending it to the public, and generally ensuring that the RI/FS meets with their standards and expectations. This oversight role can be quite intense, involving work groups, technical memoranda, and multiple rounds of comments on drafts of key deliverables and reports. Moreover, agencies often utilize federal contractors to perform some of the more technical oversight work.

Ultimately, the scope of site activities is controlled by the regulatory oversight agencies who decide on the information they need for the decision making at the sites. Thus, when an agency decides

² See USEPA. August 9, 2005. Memorandum re: Enforcement First at Superfund Sites: Negotiation and Enforcement Strategies for Remedial Investigation/Feasibility Studies (RI/FS). Available at:

<https://www.epa.gov/sites/production/files/2013-10/documents/enf-first-rifs.pdf>

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additional sampling or field work is necessary, or otherwise requires further action for CERCLA cleanup, PRPs usually bear the burden of those increased costs.

It is also often the case that, in addition to providing oversight of the work done by the PRPs, the agencies retain performance of certain components of the RI/FS, most commonly the baseline risk assessments for human health and ecological receptors. These risk assessments are fundamental to the RI/FS, in that they marry the RI (describing the nature and extent of contamination), with the FS (identifying and evaluating remedial alternatives). The risk assessments build off the RI and determine what levels of contamination pose what types of unacceptable risks; this information is then used in the FS to establish cleanup goals and options (remedial alternatives) to achieve those goals.

Regardless of whether the work performed by the regulatory agencies is in an oversight capacity, or is directly performing components of the RI/FS such as risk assessments, agencies are required by law to recover all of their overhead costs as a percentage of direct costs; these are commonly referred to as indirect costs. These indirect costs, typically expressed as a percentage of all costs incurred in a given fiscal year, are designed to recover the agency overhead costs on a regional and country-wide basis. Depending on the region of the country and the fiscal year, these costs can run in excess of 80% of direct costs, which have the effect of almost doubling the amount of costs ultimately charged to the PRP.

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX B-2

USEPA RI/FS Dataset

Nathan Associates

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
BRUIN LAGOON	01	\$ 208,000	1982	16022	0.979	\$ 203,711	2.998	\$ 610,651
LOVE CANAL	01	\$ 276,984	1982	14304	0.941	\$ 260,530	2.998	\$ 780,970
SYLVESTER	01	\$ 56,186	1982	03062	1.022	\$ 57,394	2.998	\$ 172,047
MATTHEWS ELECTROPLATING	01	\$ 340,000	1983	24153	1.234	\$ 419,481	2.820	\$ 1,182,915
PRICE LANDFILL	01	\$ 469,665	1983	08232	0.896	\$ 420,926	2.820	\$ 1,186,991
RE-SOLVE, INC.	01	\$ 797,542	1983	02747	0.872	\$ 695,105	2.820	\$ 1,960,164
STRINGFELLOW	01	\$ 20,278,187	1983	91752	0.905	\$ 18,346,931	2.820	\$ 51,737,456
A & F MATERIAL RECLAIMING, INC.	01	\$ 155,200	1983	62428	0.990	\$ 153,583	2.820	\$ 433,098
AIDEX CORP.	01	\$ 636,720	1984	51554	1.067	\$ 679,645	2.766	\$ 1,879,584
BERLIN & FARRO	01	\$ 1,287,464	1984	48473	0.969	\$ 1,248,052	2.766	\$ 3,451,535
BIO-ECOLOGY SYSTEMS, INC.	01	\$ 714,030	1984	75051	1.203	\$ 858,644	2.766	\$ 2,374,612
CHARLES-GEORGE RECLAMATION TRUST LANDFILL	01	\$ 1,720,000	1983	01879	0.856	\$ 1,472,072	2.820	\$ 4,151,172
DRAKE CHEMICAL	01	\$ 1,092,500	1984	17745	1.080	\$ 1,179,403	2.766	\$ 3,261,686
HIGHLANDS ACID PIT	01	\$ 710,486	1984	77562	1.118	\$ 794,073	2.766	\$ 2,196,038
HUDSON RIVER PCBS	01	\$ 144,460	1984	12871	1.033	\$ 149,171	2.766	\$ 412,537
KEEFE ENVIRONMENTAL SERVICES (KES)	01	\$ 934,296	1983	03042	1.022	\$ 954,388	2.820	\$ 2,691,329
KRYSOWATY FARM	01	\$ 441,422	1984	08853	0.864	\$ 381,228	2.766	\$ 1,054,301
LONE PINE LANDFILL	01	\$ 986,145	1984	07728	0.856	\$ 843,998	2.766	\$ 2,334,109
MCCOLL	01	\$ 498,000	1984	92833	0.896	\$ 446,321	2.766	\$ 1,234,317
MILLTOWN RESERVOIR SEDIMENTS	01	\$ 1,448,973	1984	59851	1.105	\$ 1,600,610	2.766	\$ 4,426,548
OUTBOARD MARINE CORP.	01	\$ 6,941,631	1984	60085	0.856	\$ 5,941,036	2.766	\$ 16,430,163
PIJAK FARM	01	\$ 292,500	1984	08533	0.864	\$ 252,614	2.766	\$ 698,613
POLLUTION ABATEMENT SERVICES	02	\$ 435,260	1984	13126	0.979	\$ 426,286	2.766	\$ 1,178,909
REILLY TAR & CHEMICAL CORP. (ST. LOUIS PARK PLANT)	01	\$ 2,314,032	1984	55426	0.848	\$ 1,962,795	2.766	\$ 5,428,185
TIMES BEACH	01	\$ 564,820	1984	63025	0.931	\$ 526,058	2.766	\$ 1,454,833
WESTERN SAND & GRAVEL	01	\$ 604,158	1984	02895	0.905	\$ 546,619	2.766	\$ 1,511,696
ACME SOLVENT RECLAIMING, INC. (MORRISTOWN PLANT)	01	\$ 1,257,332	1985	61109	0.931	\$ 1,171,045	2.733	\$ 3,200,740
AMERICAN CREOSOTE WORKS, INC. (PENSACOLA PLANT)	01	\$ 1,460,580	1985	32501	1.173	\$ 1,713,026	2.733	\$ 4,682,103
BAYOU BONFOUCA	01	\$ 1,214,000	1985	70458	1.173	\$ 1,423,827	2.733	\$ 3,891,655
BEACON HEIGHTS LANDFILL	01	\$ 849,386	1985	06403	0.880	\$ 747,145	2.733	\$ 2,042,123
BOG CREEK FARM	01	\$ 606,160	1985	07727	0.856	\$ 518,786	2.733	\$ 1,417,963
BYRON SALVAGE YARD	01	\$ 963,604	1985	61010	0.931	\$ 897,474	2.733	\$ 2,453,009
CELTOR CHEMICAL WORKS	01	\$ 478,101	1985	95546	0.913	\$ 436,727	2.733	\$ 1,193,677
CEMETERY DUMP	01	\$ 1,003,800	1985	48442	0.969	\$ 973,071	2.733	\$ 2,659,633
CHARLES-GEORGE RECLAMATION TRUST LANDFILL	02	\$ 401,650	1985	01879	0.856	\$ 343,755	2.733	\$ 939,562
CHEM-DYNE	01	\$ 3,691,560	1985	45011	1.033	\$ 3,811,937	2.733	\$ 10,418,921

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
CHEMICAL CONTROL	01	\$ 224,110	1985	07202	0.856	\$ 191,806	2.733	\$ 524,251
DEL NORTE PESTICIDE STORAGE	01	\$ 962,921	1985	95531	0.913	\$ 879,591	2.733	\$ 2,404,130
D'IMPERIO PROPERTY	01	\$ 500,719	1985	08330	0.896	\$ 448,758	2.733	\$ 1,226,560
DOUGLASSVILLE DISPOSAL	01	\$ 836,479	1985	19518	0.950	\$ 794,655	2.733	\$ 2,171,979
GEMS LANDFILL	01	\$ 1,307,072	1985	08012	0.896	\$ 1,171,432	2.733	\$ 3,201,801
GOOSE FARM	01	\$ 210,000	1985	08533	0.864	\$ 181,364	2.733	\$ 495,710
HARVEY & KNOTT DRUM, INC.	01	\$ 1,459,091	1985	19708	0.931	\$ 1,358,957	2.733	\$ 3,714,350
HELEN KRAMER LANDFILL	01	\$ 1,150,155	1985	08051	0.896	\$ 1,030,799	2.733	\$ 2,817,417
HELEVA LANDFILL	01	\$ 800,000	1985	18037	0.913	\$ 730,769	2.733	\$ 1,997,364
HOCOMONCO POND	01	\$ 965,376	1985	01581	0.872	\$ 841,383	2.733	\$ 2,299,697
KUMMER SANITARY LANDFILL	01	\$ 470,720	1985	56601	0.960	\$ 451,701	2.733	\$ 1,234,605
LACKAWANNA REFUSE	01	\$ 2,227,486	1985	18518	0.969	\$ 2,159,298	2.733	\$ 5,901,869
LAKEWOOD	01	\$ 1,236,000	1985	98438	0.922	\$ 1,140,000	2.733	\$ 3,115,888
LEHILLIER/MANKATO	01	\$ 1,409,838	1985	56001	0.941	\$ 1,326,085	2.733	\$ 3,624,503
LIPARI LANDFILL	02	\$ 300,000	1985	08071	0.896	\$ 268,868	2.733	\$ 734,879
LOVE CANAL	02	\$ 4,084,184	1985	14304	0.941	\$ 3,841,559	2.733	\$ 10,499,886
MAIN STREET WELL FIELD	01	\$ 920,000	1985	46514	1.033	\$ 950,000	2.733	\$ 2,596,574
MCKIN CO.	01	\$ 1,767,284	1985	04039	1.056	\$ 1,865,466	2.733	\$ 5,098,759
MIAMI DRUM SERVICES	01	\$ 404,698	1985	33166	1.092	\$ 441,912	2.733	\$ 1,207,848
MORRIS ARSENIC DUMP	01	\$ 196,674	1985	56267	1.044	\$ 205,319	2.733	\$ 561,185
MOTCO, INC.	01	\$ 2,441,786	1985	77590	1.118	\$ 2,729,055	2.733	\$ 7,459,150
MOYERS LANDFILL	01	\$ 1,127,532	1985	19426	0.864	\$ 973,778	2.733	\$ 2,661,564
NEW LYME LANDFILL	01	\$ 1,348,324	1985	44076	0.979	\$ 1,320,524	2.733	\$ 3,609,302
NORTHERNAIRE PLATING	01	\$ 1,243,076	1985	49601	1.131	\$ 1,405,860	2.733	\$ 3,842,546
OLD MILL	01	\$ 1,510,482	1985	44084	0.979	\$ 1,479,338	2.733	\$ 4,043,379
PLYMOUTH HARBOR/CANNON ENGINEERING CORP.	01	\$ 597,550	1985	02360	0.864	\$ 516,066	2.733	\$ 1,410,530
SAND, GRAVEL AND STONE	01	\$ 1,800,000	1985	21921	1.159	\$ 2,085,366	2.733	\$ 5,699,796
SCHMALZ DUMP	01	\$ 906,000	1985	54911	1.000	\$ 906,000	2.733	\$ 2,476,311
SINCLAIR REFINERY	01	\$ 1,119,169	1985	14895	1.044	\$ 1,168,363	2.733	\$ 3,193,412
SOUTH VALLEY	01	\$ 408	1985	87105	1.067	\$ 436	2.733	\$ 1,190
SWOPE OIL & CHEMICAL CO.	01	\$ 379,232	1985	08110	0.888	\$ 336,701	2.733	\$ 920,284
TRIANGLE CHEMICAL CO.	01	\$ 350,796	1985	77611	1.159	\$ 406,410	2.733	\$ 1,110,814
TYSONS DUMP	01	\$ 1,338,766	1984	19406	0.864	\$ 1,156,207	2.766	\$ 3,197,535
VAR SOL SPILL	01	\$ 283,646	1985	33166	1.092	\$ 309,728	2.733	\$ 846,561
VERONA WELL FIELD	01	\$ 1,689,958	1985	49017	1.033	\$ 1,745,065	2.733	\$ 4,769,674
WAUCONDA SAND & GRAVEL	01	\$ 1,240,504	1985	60084	0.856	\$ 1,061,693	2.733	\$ 2,901,856
WESTERN PROCESSING CO., INC.	02	\$ 3,231,352	1985	98031	0.913	\$ 2,951,716	2.733	\$ 8,067,734
WESTERN SAND & GRAVEL	02	\$ 37,583	1985	02895	0.905	\$ 34,004	2.733	\$ 92,940
WHITEHOUSE OIL PITS	01	\$ 856,780	1985	32220	1.173	\$ 1,004,865	2.733	\$ 2,746,534
WIDE BEACH DEVELOPMENT	01	\$ 469,573	1985	14081	0.931	\$ 437,347	2.733	\$ 1,195,373
WOODBURY CHEMICAL CO.	01	\$ 662,000	1985	80022	0.990	\$ 655,104	2.733	\$ 1,790,554

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
ARCANUM IRON & METAL	01	\$ 806,832	1986	45304	1.044	\$ 842,297	2.670	\$ 2,248,595
AUBURN ROAD LANDFILL	01	\$ 619,546	1986	03053	1.022	\$ 632,870	2.670	\$ 1,689,507
BAIRD & MCGUIRE	01	\$ 2,889,979	1986	02343	0.864	\$ 2,495,891	2.670	\$ 6,663,025
BLOENSKI LANDFILL	01	\$ 1,342,024	1986	19376	0.872	\$ 1,169,654	2.670	\$ 3,122,506
BREWSTER WELL FIELD	01	\$ 833,120	1986	10509	0.812	\$ 676,465	2.670	\$ 1,805,889
BRUIN LAGOON	02	\$ 810,386	1986	16022	0.979	\$ 793,677	2.670	\$ 2,118,798
BURROWS SANITATION	01	\$ 1,105,630	1986	49057	1.033	\$ 1,141,683	2.670	\$ 3,047,835
BYRON SALVAGE YARD	02	\$ 2,222,124	1986	61010	0.931	\$ 2,069,625	2.670	\$ 5,525,067
CALDWELL TRUCKING CO.	01	\$ 850,000	1986	07004	0.848	\$ 720,982	2.670	\$ 1,924,732
CECIL LINDSEY	01	\$ 1,744,324	1986	72112	1.173	\$ 2,045,812	2.670	\$ 5,461,496
CHISMAN CREEK	01	\$ 1,172,078	1986	23692	1.131	\$ 1,325,564	2.670	\$ 3,538,724
COLEMAN-EVANS WOOD PRESERVING CO.	01	\$ 2,040,470	1986	32220	1.173	\$ 2,393,144	2.670	\$ 6,388,732
COMBE FILL NORTH LANDFILL	01	\$ 470,513	1986	07828	0.856	\$ 402,691	2.670	\$ 1,075,024
COMBE FILL SOUTH LANDFILL	01	\$ 1,756,805	1986	07930	0.864	\$ 1,517,241	2.670	\$ 4,050,423
DES MOINES TCE	01	\$ 1,544,996	1986	50309	1.044	\$ 1,612,908	2.670	\$ 4,305,816
DISTLER BRICKYARD	01	\$ 1,102,372	1986	40177	1.033	\$ 1,138,319	2.670	\$ 3,038,854
DISTLER FARM	01	\$ 1,120,037	1986	40272	1.033	\$ 1,156,560	2.670	\$ 3,087,550
DRAKE CHEMICAL	02	\$ 537,400	1986	17745	1.080	\$ 580,148	2.670	\$ 1,548,761
FLORENCE LAND RECONTOURING, INC., LANDFILL	01	\$ 573,724	1986	08518	0.864	\$ 495,489	2.670	\$ 1,322,756
FOREST WASTE PRODUCTS	01	\$ 1,090,668	1986	48463	0.969	\$ 1,057,280	2.670	\$ 2,822,513
FRIEDMAN PROPERTY	01	\$ 204,277	1986	08514	0.864	\$ 176,421	2.670	\$ 470,973
GALLAWAY PITS	01	\$ 805,688	1986	38036	1.080	\$ 869,777	2.670	\$ 2,321,954
GENEVA INDUSTRIES/FUHRMANN ENERGY	01	\$ 2,158,706	1986	77017	1.080	\$ 2,330,421	2.670	\$ 6,221,288
HIPPS ROAD LANDFILL	01	\$ 1,612,000	1986	32222	1.173	\$ 1,890,617	2.670	\$ 5,047,188
HOLLINGSWORTH SOLDERLESS TERMINAL	01	\$ 142,824	1986	33309	1.105	\$ 157,771	2.670	\$ 421,184
INDUSTRIAL LANE	01	\$ 1,205,504	1986	18042	0.913	\$ 1,101,182	2.670	\$ 2,939,712
KELLOGG-DEERING WELL FIELD	01	\$ 1,346,242	1986	06856	0.872	\$ 1,173,330	2.670	\$ 3,132,320
KENTUCKY AVENUE WELL FIELD	01	\$ 843,108	1986	14845	1.044	\$ 880,168	2.670	\$ 2,349,694
LAKE SANDY JO (M&M LANDFILL)	01	\$ 1,482,976	1986	46404	0.950	\$ 1,408,827	2.670	\$ 3,761,002
LANG PROPERTY	01	\$ 700,000	1986	08015	0.896	\$ 627,358	2.670	\$ 1,674,795
LASALLE ELECTRIC UTILITIES	01	\$ 1,057,130	1986	61301	0.960	\$ 1,014,418	2.670	\$ 2,708,087
LEETOWN PESTICIDE	01	\$ 1,136,860	1986	25430	1.056	\$ 1,200,019	2.670	\$ 3,203,568
LIMESTONE ROAD	01	\$ 1,821,840	1986	21502	1.067	\$ 1,944,661	2.670	\$ 5,191,462
METALTEC/AEROSYSTEMS	01	\$ 810,050	1986	07416	0.848	\$ 687,096	2.670	\$ 1,834,270
METAMORA LANDFILL	01	\$ 1,798,000	1986	48455	0.969	\$ 1,742,959	2.670	\$ 4,653,000
MILL CREEK DUMP	01	\$ 867,092	1986	16505	1.000	\$ 867,092	2.670	\$ 2,314,787
MOWBRAY ENGINEERING CO.	01	\$ 1,200,000	1986	36037	1.203	\$ 1,443,038	2.670	\$ 3,852,331
NOVACO INDUSTRIES	01	\$ 1,057,600	1986	48182	0.941	\$ 994,772	2.670	\$ 2,655,642

Reference USEPA RI/FS Costs by Operable Unit¹

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PIONEER SAND CO.	01	\$ 837,744	1986	32526	1.173	\$ 982,539	2.670	\$ 2,622,985
PRICE LANDFILL	02	\$ 105,000	1986	08232	0.896	\$ 94,104	2.670	\$ 251,219
REILLY TAR & CHEMICAL CORP. (ST. LOUIS PARK PLANT)	02	\$ 292,138	1986	55426	0.848	\$ 247,796	2.670	\$ 661,515
ROCKAWAY BOROUGH WELL FIELD	01	\$ 424,028	1986	07866	0.856	\$ 362,907	2.670	\$ 968,815
SAPP BATTERY SALVAGE	01	\$ 1,503,116	1986	32431	1.319	\$ 1,983,278	2.670	\$ 5,294,555
SCRDI DIXIANA	01	\$ 987,880	1986	29033	1.267	\$ 1,251,315	2.670	\$ 3,340,507
SHARKEY LANDFILL	01	\$ 600,000	1986	07054	0.848	\$ 508,929	2.670	\$ 1,358,635
SIKES DISPOSAL PITS	01	\$ 2,486,428	1986	77532	1.118	\$ 2,778,949	2.670	\$ 7,418,676
SPIEGELBERG LANDFILL	01	\$ 1,192,708	1986	48116	0.941	\$ 1,121,854	2.670	\$ 2,994,899
SYNCON RESINS	01	\$ 760,149	1986	07032	0.848	\$ 644,769	2.670	\$ 1,721,275
TAYLOR BOROUGH DUMP	01	\$ 1,184,000	1986	18517	0.969	\$ 1,147,755	2.670	\$ 3,064,045
TINKHAM GARAGE	01	\$ 756,722	1986	03053	1.022	\$ 772,996	2.670	\$ 2,063,587
TYBOUTS CORNER LANDFILL	01	\$ 2,267,208	1986	19720	0.931	\$ 2,111,615	2.670	\$ 5,637,164
UNITED CHROME PRODUCTS, INC.	01	\$ 339,535	1986	97330	0.922	\$ 313,163	2.670	\$ 836,020
UNITED CREOSOTING CO.	01	\$ 2,180,000	1986	77301	1.319	\$ 2,876,389	2.670	\$ 7,678,802
VESTAL WATER SUPPLY WELL 1-1	01	\$ 676,087	1986	13850	1.011	\$ 683,279	2.670	\$ 1,824,081
WESTLINE	01	\$ 475,054	1986	16740	0.990	\$ 470,106	2.670	\$ 1,254,993
BAYOU BONFOUCA	02	\$ 344,462	1987	70458	1.173	\$ 403,999	2.602	\$ 1,051,343
BAYOU SORREL	00	\$ 1,070,996	1986	70764	1.159	\$ 1,240,788	2.670	\$ 3,312,405
CHEMICAL CONTROL	02	\$ 209,341	1987	07202	0.856	\$ 179,166	2.602	\$ 466,251
CLEVE REBER	01	\$ 2,238,440	1987	70778	1.159	\$ 2,593,315	2.602	\$ 6,748,694
COMPASS INDUSTRIES (AVERY DRIVE)	01	\$ 1,561,384	1987	74107	1.188	\$ 1,854,144	2.602	\$ 4,825,117
CRYSTAL CITY AIRPORT	01	\$ 1,432,812	1987	78839	1.397	\$ 2,001,723	2.602	\$ 5,209,169
ENDICOTT VILLAGE WELL FIELD	01	\$ 537,430	1987	13760	1.011	\$ 543,147	2.602	\$ 1,413,456
GEIGER (C & M OIL)	01	\$ 1,645,892	1987	29449	1.267	\$ 2,084,797	2.602	\$ 5,425,355
GURLEY PIT	01	\$ 717,996	1986	72332	1.250	\$ 897,495	2.670	\$ 2,395,951
HARDAGE/CRINER	01	\$ 2,473,142	1986	73080	1.145	\$ 2,830,705	2.670	\$ 7,556,843
HAVILAND COMPLEX	01	\$ 583,588	1987	12538	0.872	\$ 508,632	2.602	\$ 1,323,634
HIGHLANDS ACID PIT	02	\$ 340,000	1987	77562	1.118	\$ 380,000	2.602	\$ 988,890
INDEPENDENT NAIL CO.	01	\$ 1,538,000	1987	29902	1.357	\$ 2,087,286	2.602	\$ 5,431,833
IRON MOUNTAIN MINE	01	\$ 2,427,588	1986	96001	0.880	\$ 2,135,378	2.670	\$ 5,700,601
KANE & LOMBARD STREET DRUMS	01	\$ 599,186	1987	21224	1.022	\$ 612,072	2.602	\$ 1,592,821
KATONAH MUNICIPAL WELL	01	\$ 1,199,000	1987	10536	0.812	\$ 973,547	2.602	\$ 2,533,503
LASKIN/POPLAR OIL CO.	02	\$ 1,500	1987	44047	0.979	\$ 1,469	2.602	\$ 3,823
LIQUID DISPOSAL, INC.	01	\$ 1,422,498	1987	48317	0.941	\$ 1,337,993	2.602	\$ 3,481,917
MARION (BRAGG) DUMP	01	\$ 1,584,252	1987	46952	1.056	\$ 1,672,266	2.602	\$ 4,351,810
MID-SOUTH WOOD PRODUCTS	01	\$ 1,337,470	1986	71953	1.397	\$ 1,868,524	2.670	\$ 4,988,208
MONTGOMERY TOWNSHIP HOUSING DEVELOPMENT	01	\$ 620,087	1987	08558	0.864	\$ 535,530	2.602	\$ 1,393,632
OTTATI & GOSS/KINGSTON STEEL DRUM	01	\$ 1,875,824	1987	03848	1.067	\$ 2,002,284	2.602	\$ 5,210,630

Reference USEPA RI/FS Costs by Operable Unit¹

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PALMERTON ZINC PILE	01	\$ 102,615	1987	18071	0.913	\$ 93,735	2.602	\$ 243,930
PALMETTO WOOD PRESERVING	01	\$ 1,380,456	1987	29033	1.267	\$ 1,748,578	2.602	\$ 4,550,399
PETRO-CHEMICAL SYSTEMS, INC. (TURTLE BAYOU)	01	\$ 3,050,000	1987	77575	1.118	\$ 3,408,824	2.602	\$ 8,870,928
RE-SOLVE, INC.	02	\$ 2,410,034	1987	02747	0.872	\$ 2,100,488	2.602	\$ 5,466,191
ROSE TOWNSHIP DUMP	01	\$ 1,926,958	1987	48654	1.000	\$ 1,926,958	2.602	\$ 5,014,605
SALTVILLE WASTE DISPOSAL PONDS	01	\$ 736,000	1987	24370	1.301	\$ 957,808	2.602	\$ 2,492,545
SAN FERNANDO VALLEY (AREA 1)	02	\$ 56,034	1987	91601	0.896	\$ 50,219	2.602	\$ 130,687
SAND SPRINGS PETROCHEMICAL COMPLEX	01	\$ 2,418,700	1987	74063	1.188	\$ 2,872,206	2.602	\$ 7,474,466
SCHMALZ DUMP	02	\$ 358,000	1987	54911	1.000	\$ 358,000	2.602	\$ 931,639
STRINGFELLOW	03	\$ 567,944	1987	91752	0.905	\$ 513,854	2.602	\$ 1,337,225
SUFFERN VILLAGE WELL FIELD	01	\$ 593,586	1987	10901	0.848	\$ 503,488	2.602	\$ 1,310,249
TOWER CHEMICAL CO.	01	\$ 2,602,903	1987	34711	1.105	\$ 2,875,300	2.602	\$ 7,482,516
VOLNEY MUNICIPAL LANDFILL	01	\$ 700,560	1987	13069	0.979	\$ 686,115	2.602	\$ 1,785,508
WALDICK AEROSPACE DEVICES, INC.	01	\$ 1,115,000	1987	07719	0.856	\$ 954,279	2.602	\$ 2,483,362
WILLIAMS PROPERTY	01	\$ 628,646	1987	08210	0.896	\$ 563,409	2.602	\$ 1,466,184
AIRCO PLATING CO.	01	\$ 108,760	1988	33142	1.092	\$ 118,761	2.537	\$ 301,301
ALADDIN PLATING	01	\$ 272,716	1988	18411	0.969	\$ 264,368	2.537	\$ 670,710
AMBLER ASBESTOS PILES	01	\$ 2,142,615	1988	19002	0.833	\$ 1,785,513	2.537	\$ 4,529,910
AMERICAN THERMOSTAT CO.	01	\$ 100,000	1988	12482	0.880	\$ 87,963	2.537	\$ 223,165
ARSENIC TRIOXIDE SITE	02	\$ 200,000	1988	58053	1.118	\$ 223,529	2.537	\$ 567,102
BEACHWOOD/BERKLEY WELLS	01	\$ 715,420	1988	08722	0.864	\$ 617,863	2.537	\$ 1,567,540
BELVIDERE MUNICIPAL LANDFILL	01	\$ 1,699,444	1988	61008	0.931	\$ 1,582,815	2.537	\$ 4,015,660
BERKS SAND PIT	01	\$ 1,095,000	1988	19539	0.950	\$ 1,040,250	2.537	\$ 2,639,152
BIG RIVER SAND CO.	01	\$ 1,300,000	1988	67205	1.118	\$ 1,452,941	2.537	\$ 3,686,164
BREWSTER WELL FIELD	02	\$ 550,000	1988	10509	0.812	\$ 446,581	2.537	\$ 1,132,993
BURNT FLY BOG	02	\$ 3,170,000	1988	07746	0.856	\$ 2,713,063	2.537	\$ 6,883,139
CANNON ENGINEERING CORP. (CEC)	01	\$ 1,868,830	1988	02324	0.864	\$ 1,613,990	2.537	\$ 4,094,750
CHARLES-GEORGE RECLAMATION TRUST LANDFILL	03	\$ 1,681,500	1988	01879	0.856	\$ 1,439,122	2.537	\$ 3,651,103
CHARLES-GEORGE RECLAMATION TRUST LANDFILL	04	\$ 1,131,832	1988	01879	0.856	\$ 968,685	2.537	\$ 2,457,589
CHEROKEE COUNTY	01	\$ 1,505,380	1987	66739	1.105	\$ 1,662,920	2.602	\$ 4,327,487
DELAWARE SAND & GRAVEL LANDFILL	01	\$ 2,149,511	1988	19720	0.931	\$ 2,001,996	2.537	\$ 5,079,135
DORNEY ROAD LANDFILL	01	\$ 1,095,000	1988	19539	0.950	\$ 1,040,250	2.537	\$ 2,639,152
DOUGLASSVILLE DISPOSAL	02	\$ 3,467,313	1988	19518	0.950	\$ 3,293,947	2.537	\$ 8,356,863
EAU CLAIRE MUNICIPAL WELL FIELD	01	\$ 2,109,897	1988	54701	0.979	\$ 2,066,394	2.537	\$ 5,242,516
EWAN PROPERTY	01	\$ 1,484,000	1988	08088	0.896	\$ 1,330,000	2.537	\$ 3,374,258
FIKE CHEMICAL, INC.	01	\$ 2,291,192	1988	25143	0.990	\$ 2,267,325	2.537	\$ 5,752,286
FOREST WASTE PRODUCTS	02	\$ 1,038,892	1988	48463	0.969	\$ 1,007,089	2.537	\$ 2,555,022
FORT WAYNE REDUCTION DUMP	01	\$ 1,580,038	1988	46803	1.056	\$ 1,667,818	2.537	\$ 4,231,314

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
FRENCH, LTD.	01	\$ 1,752,933	1988	77532	1.118	\$ 1,959,160	2.537	\$ 4,970,461
FRONTIER HARD CHROME, INC.	01	\$ 2,498,254	1987	98661	0.931	\$ 2,326,805	2.602	\$ 6,055,145
GURLEY PIT	02	\$ 850,000	1988	72332	1.250	\$ 1,062,500	2.537	\$ 2,695,601
HASTINGS GROUND WATER CONTAMINATION	09	\$ 1,574,307	1988	68901	1.203	\$ 1,893,154	2.537	\$ 4,803,000
INDEPENDENT NAIL CO.	02	\$ 100,000	1988	29902	1.357	\$ 135,714	2.537	\$ 344,312
INDUSTRIAL WASTE CONTROL	01	\$ 2,630,828	1988	72916	1.203	\$ 3,163,654	2.537	\$ 8,026,304
IRON HORSE PARK	01	\$ 2,468,959	1988	01862	0.856	\$ 2,113,073	2.537	\$ 5,360,942
KEEFE ENVIRONMENTAL SERVICES (KES)	02	\$ 980,000	1988	03042	1.022	\$ 1,001,075	2.537	\$ 2,539,764
KUMMER SANITARY LANDFILL	02	\$ 1,100,593	1988	56601	0.960	\$ 1,056,125	2.537	\$ 2,679,426
L.A. CLARKE & SON	01	\$ 1,051,213	1988	22408	1.118	\$ 1,174,885	2.537	\$ 2,980,726
LANDFILL & RESOURCE RECOVERY, INC. (L&RR)	01	\$ 1,530,528	1988	02876	0.905	\$ 1,384,763	2.537	\$ 3,513,195
LASALLE ELECTRIC UTILITIES	02	\$ 127,918	1988	61301	0.960	\$ 122,750	2.537	\$ 311,420
LIPARI LANDFILL	03	\$ 2,280,602	1988	08071	0.896	\$ 2,043,936	2.537	\$ 5,185,539
LONG PRAIRIE GROUND WATER CONTAMINATION	01	\$ 798,800	1988	56347	0.880	\$ 702,648	2.537	\$ 1,782,644
LORENTZ BARREL & DRUM CO.	02	\$ 604,071	1988	95112	0.819	\$ 494,713	2.537	\$ 1,255,106
LOVE CANAL	05	\$ 575,000	1987	14304	0.941	\$ 540,842	2.602	\$ 1,407,455
LOVE CANAL	06	\$ 1,913,452	1988	14304	0.941	\$ 1,799,782	2.537	\$ 4,566,111
MARATHON BATTERY CORP.	03	\$ 1,890,000	1988	10516	0.812	\$ 1,534,615	2.537	\$ 3,893,375
MIDDLETOWN AIR FIELD	01	\$ 1,200,000	1987	17057	0.979	\$ 1,175,258	2.602	\$ 3,058,424
MIDLAND PRODUCTS	01	\$ 1,660,749	1988	72853	1.301	\$ 2,161,249	2.537	\$ 5,483,166
MIDWEST MANUFACTURING/NORTH FARM	01	\$ 832,279	1988	50135	1.044	\$ 868,863	2.537	\$ 2,204,336
NASCOLITE CORP.	01	\$ 675,300	1988	08332	0.896	\$ 605,222	2.537	\$ 1,535,469
NINTH AVENUE DUMP	01	\$ 3,560,000	1988	46402	0.950	\$ 3,382,000	2.537	\$ 8,580,256
NORTH CAVALCADE STREET	01	\$ 3,606,076	1988	77009	1.080	\$ 3,892,923	2.537	\$ 9,876,486
OAK GROVE SANITARY LANDFILL	01	\$ 1,454,000	1988	55011	0.856	\$ 1,244,414	2.537	\$ 3,157,124
ODESSA CHROMIUM #1	02	\$ 1,414,122	1988	79762	1.234	\$ 1,744,696	2.537	\$ 4,426,357
ODESSA CHROMIUM #2 (ANDREWS HIGHWAY)	02	\$ 432,774	1988	79762	1.234	\$ 533,942	2.537	\$ 1,354,630
OLD SPRINGFIELD LANDFILL	01	\$ 3,489,839	1988	05156	1.250	\$ 4,362,299	2.537	\$ 11,067,309
ORDOT LANDFILL	01	\$ 675,332	1988	96910	0.714	\$ 482,380	2.537	\$ 1,223,815
PETERSEN SAND & GRAVEL	01	\$ 1,693,450	1988	60048	0.856	\$ 1,449,349	2.537	\$ 3,677,051
PRISTINE, INC.	01	\$ 1,762,000	1987	45215	1.022	\$ 1,799,892	2.602	\$ 4,683,937
REICH FARMS	01	\$ 1,371,400	1988	08753	0.864	\$ 1,184,391	2.537	\$ 3,004,842
REPUBLIC STEEL CORP. QUARRY	01	\$ 1,369,997	1988	44035	0.979	\$ 1,341,750	2.537	\$ 3,404,067
RHINEHART TIRE FIRE DUMP	01	\$ 2,785,842	1988	22602	1.203	\$ 3,350,063	2.537	\$ 8,499,231
ROCKY HILL MUNICIPAL WELL	02	\$ 553,035	1988	08553	0.864	\$ 477,621	2.537	\$ 1,211,742

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SAND SPRINGS PETROCHEMICAL COMPLEX	02	\$ 998,000	1988	74063	1.188	\$ 1,185,125	2.537	\$ 3,006,705
SOL LYNN/INDUSTRIAL TRANSFORMERS	01	\$ 5,238,556	1988	77054	1.080	\$ 5,655,259	2.537	\$ 14,347,597
SOL LYNN/INDUSTRIAL TRANSFORMERS	02	\$ 754,865	1988	77054	1.080	\$ 814,911	2.537	\$ 2,067,459
SOUTH ANDOVER SITE	01	\$ 1,466,692	1988	55303	0.848	\$ 1,244,069	2.537	\$ 3,156,248
SOUTH BAY ASBESTOS AREA	01	\$ 4,020,271	1988	95002	0.841	\$ 3,379,874	2.537	\$ 8,574,862
SOUTH VALLEY	02	\$ 4,956,066	1988	87105	1.067	\$ 5,290,183	2.537	\$ 13,421,384
SOUTHERN MARYLAND WOOD TREATING	01	\$ 1,908,721	1988	20636	1.092	\$ 2,084,236	2.537	\$ 5,287,781
STEWCO, INC.	01	\$ 1,250,000	1988	75692	1.301	\$ 1,626,712	2.537	\$ 4,127,028
SUMMIT NATIONAL	01	\$ 2,228,240	1988	44411	1.000	\$ 2,228,240	2.537	\$ 5,653,125
TABERNACLE DRUM DUMP	01	\$ 800,000	1988	08088	0.896	\$ 716,981	2.537	\$ 1,819,007
TIMES BEACH	02	\$ 971,122	1988	63025	0.931	\$ 904,476	2.537	\$ 2,294,689
TUCSON INTERNATIONAL AIRPORT AREA	01	\$ 2,945,257	1988	85734	1.105	\$ 3,253,482	2.537	\$ 8,254,200
UNITED NUCLEAR CORP.	01	\$ 3,605,632	1988	87311	1.080	\$ 3,892,444	2.537	\$ 9,875,270
UNITED SCRAP LEAD CO., INC.	01	\$ 1,616,202	1988	45373	1.044	\$ 1,687,244	2.537	\$ 4,280,598
VELSICOL CHEMICAL CORP. (MARSHALL PLANT)	01	\$ 3,721,172	1988	62441	0.990	\$ 3,682,410	2.537	\$ 9,342,406
VOORTMAN FARM	01	\$ 1,095,000	1988	18034	0.913	\$ 1,000,240	2.537	\$ 2,537,646
WILDCAT LANDFILL	01	\$ 3,071,275	1988	19901	0.931	\$ 2,860,501	2.537	\$ 7,257,195
YAWORSKI WASTE LAGOON	01	\$ 3,213,405	1988	06331	0.888	\$ 2,853,023	2.537	\$ 7,238,222
YORK OIL CO.	01	\$ 638,059	1988	12957	1.022	\$ 651,781	2.537	\$ 1,653,591
ZELLWOOD GROUND WATER CONTAMINATION	01	\$ 1,629,026	1987	32757	1.105	\$ 1,799,505	2.602	\$ 4,682,930
ABERDEEN PESTICIDE DUMPS	02	\$ 4,426	1989	28315	1.250	\$ 5,533	2.485	\$ 13,746
ADRIAN MUNICIPAL WELL FIELD	01	\$ 1,179,200	1989	56110	1.080	\$ 1,273,000	2.485	\$ 3,162,985
AMERICAN CREOSOTE WORKS, INC. (JACKSON PLANT)	01	\$ 2,504,974	1989	38301	1.218	\$ 3,050,930	2.485	\$ 7,580,553
ARKANSAS CITY DUMP	01	\$ 600,000	1989	67005	1.118	\$ 670,588	2.485	\$ 1,666,190
AUBURN ROAD LANDFILL	02	\$ 1,563,755	1989	03053	1.022	\$ 1,597,384	2.485	\$ 3,968,972
BAIRD & MCGUIRE	03	\$ 2,297,282	1989	02343	0.864	\$ 1,984,016	2.485	\$ 4,929,625
BEC TRUCKING	01	\$ 1,857,445	1989	13850	1.011	\$ 1,877,205	2.485	\$ 4,664,235
BIG D CAMPGROUND	01	\$ 2,131,065	1989	44048	0.979	\$ 2,087,126	2.485	\$ 5,185,818
BOG CREEK FARM	02	\$ 1,004,603	1989	07727	0.856	\$ 859,795	2.485	\$ 2,136,308
BYRON BARREL & DRUM	01	\$ 2,200,000	1989	14422	0.950	\$ 2,090,000	2.485	\$ 5,192,960
BYRON SALVAGE YARD	03	\$ 110,000	1989	61010	0.931	\$ 102,451	2.485	\$ 254,557
CALDWELL TRUCKING CO.	02	\$ 3,006,374	1989	07004	0.848	\$ 2,550,049	2.485	\$ 6,336,031
CAPE FEAR WOOD PRESERVING CEMETERY DUMP	01	\$ 2,399,113	1989	28303	1.250	\$ 2,998,891	2.485	\$ 7,451,255
	02	\$ 131,368	1989	48442	0.969	\$ 127,347	2.485	\$ 316,414

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
CHEMICAL INSECTICIDE CORP.	01	\$ 3,961,367	1989	08817	0.864	\$ 3,421,181	2.485	\$ 8,500,504
CHEROKEE COUNTY	05	\$ 1,014,218	1989	66739	1.105	\$ 1,120,357	2.485	\$ 2,783,717
CIBA-GEIGY CORP.	01	\$ 2,156,302	1989	08753	0.864	\$ 1,862,261	2.485	\$ 4,627,103
COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	01	\$ 6,196,269	1989	98421	0.922	\$ 5,715,005	2.485	\$ 14,199,901
CROSS BROTHERS PAIL RECYCLING (PEMBROKE)	01	\$ 2,908,064	1989	60944	0.960	\$ 2,790,566	2.485	\$ 6,933,636
CROYDON TCE	01	\$ 3,090,078	1988	19020	0.833	\$ 2,575,065	2.537	\$ 6,533,033
DE REWAL CHEMICAL CO.	01	\$ 1,379,279	1989	08825	0.864	\$ 1,191,196	2.485	\$ 2,959,727
GLEN RIDGE RADIUM SITE	01	\$ 2,212,337	1989	07028	0.848	\$ 1,876,536	2.485	\$ 4,662,572
HASTINGS GROUND WATER CONTAMINATION	07	\$ 1,441,701	1989	68901	1.203	\$ 1,733,691	2.485	\$ 4,307,650
HAVERTOWN PCP	01	\$ 1,182,048	1989	19083	0.833	\$ 985,040	2.485	\$ 2,447,499
HEBELKA AUTO SALVAGE YARD	01	\$ 1,278,460	1989	18062	0.913	\$ 1,167,824	2.485	\$ 2,901,657
INDUSTRIAL EXCESS LANDFILL	01	\$ 3,196,549	1988	44685	1.022	\$ 3,265,292	2.537	\$ 8,284,163
KELLOGG-DEERING WELL FIELD	02	\$ 3,069,693	1989	06856	0.872	\$ 2,675,421	2.485	\$ 6,647,537
KEM-PEST LABORATORIES	01	\$ 1,700,296	1989	63701	1.000	\$ 1,700,296	2.485	\$ 4,224,674
LASKIN/POPLAR OIL CO.	01	\$ 5,247,204	1989	44047	0.979	\$ 5,139,014	2.485	\$ 12,768,753
MARATHON BATTERY CORP.	02	\$ 2,093,242	1989	10516	0.812	\$ 1,699,641	2.485	\$ 4,223,047
MIAMI COUNTY INCINERATOR	01	\$ 3,124,869	1989	45373	1.044	\$ 3,262,226	2.485	\$ 8,105,554
MONTCLAIR/WEST ORANGE RADIUM SITE	01	\$ 7,915,544	1989	07044	0.848	\$ 6,714,078	2.485	\$ 16,682,266
NEWSOM BROTHERS/OLD REICHHOLD CHEMICALS, INC.	01	\$ 2,851,403	1989	39429	1.377	\$ 3,925,845	2.485	\$ 9,754,428
NINTH AVENUE DUMP	02	\$ 480,000	1989	46402	0.950	\$ 456,000	2.485	\$ 1,133,009
NORTHERNAIRE PLATING	02	\$ 977,106	1989	49601	1.131	\$ 1,105,060	2.485	\$ 2,745,710
NORTHWEST TRANSFORMER	01	\$ 915,397	1989	98247	0.931	\$ 852,576	2.485	\$ 2,118,369
NORWOOD PCBS	01	\$ 3,673,658	1989	02062	0.819	\$ 3,008,599	2.485	\$ 7,475,376
PEPE FIELD	01	\$ 652,924	1989	07005	0.848	\$ 553,819	2.485	\$ 1,376,058
PESSER CHEMICAL CO.	01	\$ 1,537,706	1988	76110	1.173	\$ 1,803,482	2.537	\$ 4,575,500
PINETTE'S SALVAGE YARD	01	\$ 3,305,845	1989	04786	1.092	\$ 3,609,831	2.485	\$ 8,969,237
PORT WASHINGTON LANDFILL	01	\$ 5,759,219	1989	11050	0.748	\$ 4,308,077	2.485	\$ 10,704,149
PREFERRED PLATING CORP.	01	\$ 2,775,000	1989	11735	0.772	\$ 2,143,293	2.485	\$ 5,325,375
PUBLICICKER INDUSTRIES INC.	01	\$ 20,000	1989	19148	0.833	\$ 16,667	2.485	\$ 41,411
REESER'S LANDFILL	01	\$ 2,455,596	1989	18051	0.913	\$ 2,243,093	2.485	\$ 5,573,344
SAN FERNANDO VALLEY (AREA 1)	03	\$ 450,000	1989	91601	0.896	\$ 403,302	2.485	\$ 1,002,072
SILVER BOW CREEK/BUTTE AREA	05	\$ 450,000	1989	59750	1.080	\$ 485,795	2.485	\$ 1,207,041
SKINNER LANDFILL	01	\$ 1,796,378	1988	45069	1.033	\$ 1,854,956	2.537	\$ 4,706,089
SMITH'S FARM	01	\$ 2,285,451	1989	40165	1.033	\$ 2,359,977	2.485	\$ 5,863,763
SMS INSTRUMENTS, INC.	01	\$ 1,400,000	1989	11729	0.772	\$ 1,081,301	2.485	\$ 2,686,675
SULLIVAN'S LEDGE	01	\$ 3,748,082	1989	02740	0.872	\$ 3,266,677	2.485	\$ 8,116,614
UNITED CREOSOTING CO.	01	\$ 338,996	1989	77301	1.319	\$ 447,286	2.485	\$ 1,111,359

Reference USEPA RI/FS Costs by Operable Unit¹

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VINELAND CHEMICAL CO., INC.	01	\$ 3,059,346	1989	08360	0.896	\$ 2,741,867	2.485	\$ 6,812,633
WAUSAU GROUND WATER CONTAMINATION	01	\$ 2,723,220	1988	54401	1.000	\$ 2,723,220	2.537	\$ 6,908,907
WAUSAU GROUND WATER CONTAMINATION	02	\$ 351,712	1989	54401	1.000	\$ 351,712	2.485	\$ 873,888
WEDZEB ENTERPRISES, INC.	01	\$ 882,000	1989	46052	1.056	\$ 931,000	2.485	\$ 2,313,228
WHITEHALL MUNICIPAL WELLS	01	\$ 489,969	1989	49461	1.056	\$ 517,190	2.485	\$ 1,285,045
WILDCAT LANDFILL	02	\$ 84,525	1988	19901	0.931	\$ 78,724	2.537	\$ 199,726
AMERICAN THERMOSTAT CO.	02	\$ 3,600,000	1990	12482	0.880	\$ 3,166,667	2.423	\$ 7,673,160
ARMY CREEK LANDFILL	02	\$ 448,083	1990	19720	0.931	\$ 417,332	2.423	\$ 1,011,239
BAIRD & MCGUIRE	04	\$ 869,058	1990	02343	0.864	\$ 750,550	2.423	\$ 1,818,660
BYPASS 601 GROUND WATER CONTAMINATION	01	\$ 3,314,000	1990	28025	1.250	\$ 4,142,500	2.423	\$ 10,037,705
C & R BATTERY CO., INC.	01	\$ 2,465,715	1990	23237	1.118	\$ 2,755,799	2.423	\$ 6,677,586
CIMARRON MINING CORP.	01	\$ 2,370,000	1990	88301	1.067	\$ 2,529,775	2.423	\$ 6,129,907
CINNAMINSON TOWNSHIP (BLOCK 702) GROUND WATER CONTAMINATION	01	\$ 3,665,850	1990	08077	0.896	\$ 3,285,432	2.423	\$ 7,960,940
CLAREMONT POLYCHEMICAL	01	\$ 3,777,550	1990	11804	0.772	\$ 2,917,620	2.423	\$ 7,069,694
COAKLEY LANDFILL	01	\$ 2,000,000	1990	03840	1.067	\$ 2,134,831	2.423	\$ 5,172,917
CROYDON TCE	02	\$ 1,158,126	1990	19020	0.833	\$ 965,105	2.423	\$ 2,338,549
DELILAH ROAD	01	\$ 1,233,482	1990	08221	0.896	\$ 1,105,479	2.423	\$ 2,678,690
EAST MOUNT ZION	01	\$ 1,095,000	1990	17402	0.990	\$ 1,083,594	2.423	\$ 2,625,660
FIKE CHEMICAL, INC.	02	\$ 3,488,429	1990	25143	0.990	\$ 3,452,091	2.423	\$ 8,364,774
GLEN RIDGE RADIUM SITE	03	\$ 150,000	1990	07028	0.848	\$ 127,232	2.423	\$ 308,297
GREENWOOD CHEMICAL CO.	01	\$ 1,248,243	1989	22943	1.159	\$ 1,446,135	2.485	\$ 3,593,168
IMPERIAL OIL CO., INC./CHAMPION CHEMICALS	01	\$ 3,088,996	1990	07751	0.856	\$ 2,643,735	2.423	\$ 6,406,044
J.H. BAXTER & CO.	01	\$ 3,160,656	1990	96094	0.880	\$ 2,780,207	2.423	\$ 6,736,728
JACKSONVILLE MUNICIPAL LANDFILL	01	\$ 3,750,000	1990	72076	1.173	\$ 4,398,148	2.423	\$ 10,657,167
KENTUCKY AVENUE WELL FIELD	02	\$ 2,850,000	1990	14845	1.044	\$ 2,975,275	2.423	\$ 7,209,398
KEYSTONE SANITATION LANDFILL	01	\$ 3,160,997	1990	17331	0.990	\$ 3,128,070	2.423	\$ 7,579,637
KUMMER SANITARY LANDFILL	03	\$ 1,222,527	1990	56601	0.960	\$ 1,173,132	2.423	\$ 2,842,620
LOUISIANA-PACIFIC CORP.	01	\$ 9,226,363	1990	95965	0.880	\$ 8,115,782	2.423	\$ 19,665,379
MATTIACE PETROCHEMICAL CO., INC.	02	\$ 200,000	1990	11542	0.772	\$ 154,472	2.423	\$ 374,301
METALTEC/AEROSYSTEMS	02	\$ 3,656,300	1990	07416	0.848	\$ 3,101,326	2.423	\$ 7,514,833
METAMORA LANDFILL	02	\$ 20,435,400	1990	48455	0.969	\$ 19,809,827	2.423	\$ 48,001,256
MIDWEST MANUFACTURING/NORTH FARM	02	\$ 1,668,221	1990	50135	1.044	\$ 1,741,549	2.423	\$ 4,219,954
MONTCLAIR/WEST ORANGE RADIUM SITE	03	\$ 150,000	1990	07044	0.848	\$ 127,232	2.423	\$ 308,297

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
MOSS-AMERICAN CO., INC. (KERR-MCGEE OIL CO.)	01	\$ 2,987,303	1990	53244	0.931	\$ 2,782,292	2.423	\$ 6,741,781
MUNISPORT LANDFILL	01	\$ 179,382	1990	33161	1.092	\$ 195,877	2.423	\$ 474,630
MYERS PROPERTY	01	\$ 4,247,497	1990	08822	0.864	\$ 3,668,293	2.423	\$ 8,888,653
NEW BEDFORD	01	\$ 25,290,175	1990	02740	0.872	\$ 22,041,896	2.423	\$ 53,409,790
OCONOMOWOC ELECTROPLATING CO., INC.	03	\$ 3,298,653	1990	53003	0.931	\$ 3,072,275	2.423	\$ 7,444,439
ONALASKA MUNICIPAL LANDFILL	01	\$ 2,681,313	1990	54650	0.990	\$ 2,653,383	2.423	\$ 6,429,420
POMONA OAKS RESIDENTIAL WELLS	01	\$ 3,600,000	1990	08240	0.896	\$ 3,226,415	2.423	\$ 7,817,937
RAYMARK	02	\$ 1,009,000	1990	19040	0.833	\$ 840,833	2.423	\$ 2,037,426
ROEBLING STEEL CO.	01	\$ 7,738,118	1990	08554	0.864	\$ 6,682,920	2.423	\$ 16,193,406
ROGERS ROAD MUNICIPAL LANDFILL	01	\$ 2,250,065	1990	72076	1.173	\$ 2,638,965	2.423	\$ 6,394,485
SARNEY FARM	01	\$ 3,343,580	1990	12501	0.872	\$ 2,914,129	2.423	\$ 7,061,236
SHARON STEEL CORP. (MIDVALE TAILINGS)	02	\$ 927,492	1990	84047	1.080	\$ 1,001,270	2.423	\$ 2,426,180
SOLVENT SAVERS	01	\$ 5,426,530	1990	13052	0.979	\$ 5,314,643	2.423	\$ 12,877,928
SPIEGELBERG LANDFILL	02	\$ 482,819	1990	48116	0.941	\$ 454,137	2.423	\$ 1,100,420
ST. LOUIS RIVER SITE	01	\$ 3,038,360	1990	55808	0.896	\$ 2,723,058	2.423	\$ 6,598,252
STAMINA MILLS, INC.	01	\$ 3,889,882	1990	02824	0.905	\$ 3,519,417	2.423	\$ 8,527,911
TEXARKANA WOOD PRESERVING CO.	01	\$ 4,400,000	1990	75501	1.218	\$ 5,358,974	2.423	\$ 12,985,348
TRI-STATE PLATING	01	\$ 1,679,144	1990	47201	1.044	\$ 1,752,953	2.423	\$ 4,247,585
UNION SCRAP IRON & METAL CO.	01	\$ 1,033,020	1990	55411	0.848	\$ 876,222	2.423	\$ 2,123,177
VERTAC, INC.	02	\$ 3,292,136	1990	72076	1.173	\$ 3,861,147	2.423	\$ 9,355,958
VESTAL WATER SUPPLY WELL 1-1	02	\$ 2,258,324	1990	13850	1.011	\$ 2,282,349	2.423	\$ 5,530,367
WALSH LANDFILL	01	\$ 1,163,886	1990	19344	0.872	\$ 1,014,396	2.423	\$ 2,457,986
ZELLWOOD GROUND WATER CONTAMINATION	01	\$ 476,411	1990	32757	1.105	\$ 526,268	2.423	\$ 1,275,202
A. O. POLYMER	01	\$ 2,345,258	1991	07871	0.856	\$ 2,007,203	2.371	\$ 4,759,883
ABERDEEN PESTICIDE DUMPS	01	\$ 4,944,751	1991	28315	1.250	\$ 6,180,939	2.371	\$ 14,657,486
ASBESTOS DUMP	02	\$ 312,965	1991	07946	0.864	\$ 270,288	2.371	\$ 640,961
ATLAS ASBESTOS MINE	01	\$ 5,220,189	1991	93210	0.913	\$ 4,768,442	2.371	\$ 11,307,889
BUNKER HILL MINING & METALLURGICAL COMPLEX	01	\$ 23,625,719	1991	83837	1.022	\$ 24,133,799	2.371	\$ 57,230,922
C & J DISPOSAL LEASING CO. DUMP	01	\$ 2,038,678	1991	13346	1.011	\$ 2,060,366	2.371	\$ 4,885,955
CHEMICAL SALES CO.	02	\$ 652,500	1991	80216	0.990	\$ 645,703	2.371	\$ 1,531,221
CHEMICAL SALES CO.	03	\$ 210,000	1991	80216	0.990	\$ 207,813	2.371	\$ 492,807
CIMARRON MINING CORP.	02	\$ 1,439,626	1991	88301	1.067	\$ 1,536,679	2.371	\$ 3,644,084
CIRCUITRON CORP.	01	\$ 2,428,543	1991	11735	0.772	\$ 1,875,704	2.371	\$ 4,448,047
CONRAIL RAIL YARD (ELKHART)	01	\$ 2,499,274	1991	46514	1.033	\$ 2,580,772	2.371	\$ 6,120,046
DAKHUE SANITARY LANDFILL	01	\$ 2,238,837	1991	55031	0.856	\$ 1,916,122	2.371	\$ 4,543,894
DORNEY ROAD LANDFILL	02	\$ 642,015	1991	19539	0.950	\$ 609,914	2.371	\$ 1,446,351
ELECTRO-COATINGS, INC.	01	\$ 60,000	1990	52402	1.022	\$ 61,290	2.423	\$ 148,513

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
FOLKERTSMA REFUSE	01	\$ 1,534,270	1991	49504	1.131	\$ 1,735,186	2.371	\$ 4,114,823
FULTZ LANDFILL	01	\$ 4,942,398	1991	43723	1.044	\$ 5,159,646	2.371	\$ 12,235,592
G&H LANDFILL	01	\$ 7,259,532	1990	48316	0.941	\$ 6,828,273	2.423	\$ 16,545,610
GARDEN STATE CLEANERS CO.	01	\$ 1,465,691	1991	08341	0.896	\$ 1,313,591	2.371	\$ 3,115,051
GENZALE PLATING CO.	01	\$ 2,000,000	1991	11010	0.748	\$ 1,496,063	2.371	\$ 3,547,766
GREENWOOD CHEMICAL CO.	02	\$ 3,853,080	1990	22943	1.159	\$ 4,463,934	2.423	\$ 10,816,574
GROVELAND WELLS	01	\$ 5,055,339	1991	01834	0.856	\$ 4,326,641	2.371	\$ 10,260,203
HALBY CHEMICAL CO.	01	\$ 3,760,200	1991	19720	0.931	\$ 3,502,147	2.371	\$ 8,304,996
HASTINGS GROUND WATER CONTAMINATION	01	\$ 1,700,800	1991	68901	1.203	\$ 2,045,266	2.371	\$ 4,850,146
HAVERTOWN PCP	02	\$ 1,800,000	1991	19083	0.833	\$ 1,500,000	2.371	\$ 3,557,102
HEBELKA AUTO SALVAGE YARD	02	\$ 807,952	1991	18062	0.913	\$ 738,033	2.371	\$ 1,750,173
HERTEL LANDFILL	01	\$ 2,081,530	1991	12528	0.872	\$ 1,814,178	2.371	\$ 4,302,143
INDIAN BEND WASH AREA	01	\$ 8,824,648	1991	85253	1.118	\$ 9,862,842	2.371	\$ 23,388,756
INDIAN BEND WASH AREA	04	\$ 263,862	1991	85253	1.118	\$ 294,905	2.371	\$ 699,337
INDIAN BEND WASH AREA	06	\$ 706,423	1991	85253	1.118	\$ 789,532	2.371	\$ 1,872,296
INDUSTRIAL LANE	02	\$ 2,095,300	1991	18042	0.913	\$ 1,913,976	2.371	\$ 4,538,805
INTERSTATE LEAD CO. (ILCO)	01	\$ 5,107,555	1991	35094	1.092	\$ 5,577,215	2.371	\$ 13,225,815
IRON HORSE PARK	02	\$ 3,678,871	1991	01862	0.856	\$ 3,148,583	2.371	\$ 7,466,554
LEMBERGER LANDFILL, INC.	01	\$ 2,470,540	1991	54247	0.969	\$ 2,394,911	2.371	\$ 5,679,296
LEMBERGER TRANSPORT & RECYCLING	01	\$ 2,467,904	1991	54247	0.969	\$ 2,392,356	2.371	\$ 5,673,236
MAIN STREET WELL FIELD	02	\$ 4,185,236	1991	46514	1.033	\$ 4,321,711	2.371	\$ 10,248,511
MATTIACE PETROCHEMICAL CO., INC.	01	\$ 1,195,000	1991	11542	0.772	\$ 922,967	2.371	\$ 2,188,726
MCADOO ASSOCIATES	02	\$ 945,000	1991	18237	0.990	\$ 935,156	2.371	\$ 2,217,631
MIDDLETOWN AIR FIELD	02	\$ 6,832,113	1990	17057	0.979	\$ 6,691,245	2.423	\$ 16,213,577
NASCOLITE CORP.	02	\$ 1,482,000	1991	08332	0.896	\$ 1,328,208	2.371	\$ 3,149,713
NYANZA CHEMICAL WASTE DUMP	02	\$ 6,274,478	1991	01721	0.880	\$ 5,519,217	2.371	\$ 13,088,278
OAK GROVE SANITARY LANDFILL	02	\$ 867,480	1990	55011	0.856	\$ 742,438	2.423	\$ 1,799,004
ORGANIC CHEMICALS, INC.	01	\$ 2,586,988	1991	49418	1.056	\$ 2,730,710	2.371	\$ 6,475,608
OSSINEKE GROUND WATER CONTAMINATION	01	\$ 2,803,644	1991	49766	1.092	\$ 3,061,450	2.371	\$ 7,259,927
PETRO-CHEMICAL SYSTEMS, INC. (TURTLE BAYOU)	02	\$ 3,796,206	1991	77575	1.118	\$ 4,242,818	2.371	\$ 10,061,425
PUBLICKER INDUSTRIES INC.	02	\$ 2,165,120	1991	19148	0.833	\$ 1,804,267	2.371	\$ 4,278,640
RASMUSSEN'S DUMP	01	\$ 1,795,394	1991	48116	0.941	\$ 1,688,737	2.371	\$ 4,004,673
ROEBLING STEEL CO.	02	\$ 6,956,000	1991	08554	0.864	\$ 6,007,455	2.371	\$ 14,246,085
SAUNDERS SUPPLY CO.	01	\$ 2,387,057	1991	23432	1.118	\$ 2,667,887	2.371	\$ 6,326,631
SOUTH JERSEY CLOTHING CO.	01	\$ 1,053,492	1991	08341	0.896	\$ 944,167	2.371	\$ 2,239,000
SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION	01	\$ 3,028,760	1991	61109	0.931	\$ 2,820,904	2.371	\$ 6,689,495
STOUGHTON CITY LANDFILL	01	\$ 1,046,291	1991	53589	0.969	\$ 1,014,262	2.371	\$ 2,405,221
STURGIS MUNICIPAL WELLS	01	\$ 6,587,588	1991	49091	1.033	\$ 6,802,401	2.371	\$ 16,131,222

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SULLIVAN'S LEDGE	02	\$ 2,394,661	1991	02740	0.872	\$ 2,087,090	2.371	\$ 4,949,328
TRI-CITY DISPOSAL CO.	01	\$ 2,852,224	1991	40109	1.033	\$ 2,945,231	2.371	\$ 6,984,325
UPPER DEERFIELD TOWNSHIP SANITARY LANDFILL	01	\$ 4,173,061	1991	08302	0.896	\$ 3,740,008	2.371	\$ 8,869,059
VERONA WELL FIELD	02	\$ 7,366,493	1991	49017	1.033	\$ 7,606,705	2.371	\$ 18,038,549
WALDICK AEROSPACE DEVICES, INC.	02	\$ 2,356,736	1991	07719	0.856	\$ 2,017,026	2.371	\$ 4,783,179
WARWICK LANDFILL	01	\$ 3,105,000	1991	10990	0.848	\$ 2,633,705	2.371	\$ 6,245,572
WRIGLEY CHARCOAL PLANT	01	\$ 3,021,374	1991	37098	1.092	\$ 3,299,201	2.371	\$ 7,823,731
YAKIMA PLATING CO.	01	\$ 1,380,126	1991	98902	0.969	\$ 1,337,877	2.371	\$ 3,172,644
ACTION ANODIZING, PLATING, & POLISHING CORP.	01	\$ 1,200,000	1992	11701	0.772	\$ 926,829	2.300	\$ 2,131,857
ARRCOM (DREXLER ENTERPRISES)	01	\$ 11,468	1992	83858	1.022	\$ 11,715	2.300	\$ 26,946
BENFIELD INDUSTRIES, INC.	01	\$ 1,800,000	1992	28738	1.267	\$ 2,280,000	2.300	\$ 5,244,369
BIOCLINICAL LABORATORIES, INC.	01	\$ 2,294,968	1992	11716	0.772	\$ 1,772,536	2.300	\$ 4,077,120
BUTZ LANDFILL	02	\$ 2,037,193	1992	18360	0.969	\$ 1,974,830	2.300	\$ 4,542,428
CANNELTON INDUSTRIES, INC.	01	\$ 3,192,172	1992	49783	1.092	\$ 3,485,705	2.300	\$ 8,017,685
COSDEN CHEMICAL COATINGS CORP.	01	\$ 3,748,471	1992	08010	0.896	\$ 3,359,479	2.300	\$ 7,727,344
DES MOINES TCE	03	\$ 1,875,000	1992	50309	1.044	\$ 1,957,418	2.300	\$ 4,502,377
DOUBLE EAGLE REFINERY CO.	01	\$ 2,611,513	1992	73152	1.145	\$ 2,989,081	2.300	\$ 6,875,370
ELLIS PROPERTY	01	\$ 3,697,997	1992	08053	0.896	\$ 3,314,243	2.300	\$ 7,623,294
FIKE CHEMICAL, INC.	03	\$ 1,122,800	1992	25143	0.990	\$ 1,111,104	2.300	\$ 2,555,719
FOURTH STREET ABANDONED REFINERY	01	\$ 2,565,000	1992	73117	1.145	\$ 2,935,843	2.300	\$ 6,752,915
GRAND TRAVERSE OVERALL SUPPLY CO.	01	\$ 4,166,968	1992	49684	1.131	\$ 4,712,642	2.300	\$ 10,839,840
GULF COAST VACUUM SERVICES	01	\$ 5,275,592	1992	70510	1.159	\$ 6,111,966	2.300	\$ 14,058,511
GULF COAST VACUUM SERVICES	02	\$ 298,170	1992	70510	1.159	\$ 345,441	2.300	\$ 794,570
H. BROWN CO., INC.	01	\$ 1,887,972	1992	49544	1.131	\$ 2,135,206	2.300	\$ 4,911,320
HIGGINS FARM	01	\$ 3,124,000	1992	08540	0.864	\$ 2,698,000	2.300	\$ 6,205,836
INDUSTRIAL LATEX CORP.	01	\$ 3,793,000	1992	07057	0.848	\$ 3,217,277	2.300	\$ 7,400,257
IRON MOUNTAIN MINE	02	\$ 5,022,161	1992	96001	0.880	\$ 4,417,642	2.300	\$ 10,161,290
JFD ELECTRONICS/CHANNEL MASTER	01	\$ 1,703,166	1992	27565	1.234	\$ 2,101,309	2.300	\$ 4,833,350
JOSEPH FOREST PRODUCTS	01	\$ 1,500,000	1992	97846	0.960	\$ 1,439,394	2.300	\$ 3,310,839
LAGRAND SANITARY LANDFILL	01	\$ 1,442,240	1992	56308	0.880	\$ 1,268,637	2.300	\$ 2,918,070
LINDANE DUMP	01	\$ 58,964	1992	15065	0.950	\$ 56,016	2.300	\$ 128,845
MW MANUFACTURING	01	\$ 5,419,249	1992	17821	1.000	\$ 5,419,249	2.300	\$ 12,465,149
OKLAHOMA REFINING CO.	01	\$ 5,445,284	1992	73029	1.145	\$ 6,232,554	2.300	\$ 14,335,882
PEERLESS PLATING CO.	01	\$ 1,542,984	1992	49444	1.056	\$ 1,628,705	2.300	\$ 3,746,286
PLYMOUTH HARBOR/CANNON ENGINEERING CORP.	02	\$ 200,000	1992	02360	0.864	\$ 172,727	2.300	\$ 397,301
POTTER'S SEPTIC TANK SERVICE PITS	01	\$ 2,422,500	1992	28451	1.250	\$ 3,028,125	2.300	\$ 6,965,177
PREFERRED PLATING CORP.	02	\$ 800,000	1992	11735	0.772	\$ 617,886	2.300	\$ 1,421,238

Reference USEPA RI/FS Costs by Operable Unit¹

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PSC RESOURCES	01	\$ 3,376,574	1992	01069	0.922	\$ 3,114,316	2.300	\$ 7,163,430
RAYMARK	01	\$ 2,341,420	1991	19040	0.833	\$ 1,951,183	2.371	\$ 4,627,039
REVERE TEXTILE PRINTS CORP.	01	\$ 2,965,788	1992	06377	0.888	\$ 2,633,176	2.300	\$ 6,056,731
RHINEHART TIRE FIRE DUMP	02	\$ 900,000	1992	22602	1.203	\$ 1,082,278	2.300	\$ 2,489,416
SKINNER LANDFILL	01	\$ 2,443,902	1992	45069	1.033	\$ 2,523,594	2.300	\$ 5,804,675
SOUTH ANDOVER SITE	02	\$ 2,690,342	1991	55303	0.848	\$ 2,281,987	2.371	\$ 5,411,506
STRASBURG LANDFILL	01	\$ 4,222,151	1991	19320	0.872	\$ 3,679,856	2.371	\$ 8,726,416
TIBBETTS ROAD	01	\$ 2,164,728	1992	03825	1.067	\$ 2,310,665	2.300	\$ 5,314,903
TORCH LAKE	01	\$ 3,687,129	1992	49934	1.022	\$ 3,766,422	2.300	\$ 8,663,380
TOWN GARAGE/RADIO BEACON	01	\$ 3,133,840	1992	03053	1.022	\$ 3,201,234	2.300	\$ 7,363,357
TRI-COUNTY LANDFILL CO./WASTE MANAGEMENT OF ILLINOIS, INC.	01	\$ 3,132,143	1992	60177	0.856	\$ 2,680,663	2.300	\$ 6,165,958
ABC ONE HOUR CLEANERS	01	\$ 3,850,000	1993	28540	1.397	\$ 5,378,676	2.201	\$ 11,836,192
ADAM'S PLATING	01	\$ 5,570,058	1993	48917	0.990	\$ 5,512,037	2.201	\$ 12,129,661
ALASKA BATTERY ENTERPRISES	01	\$ 1,000,600	1993	99701	0.760	\$ 760,456	2.201	\$ 1,673,442
ALLIED PLATING, INC.	01	\$ 4,385,460	1993	97211	0.922	\$ 4,044,842	2.201	\$ 8,900,986
AMERICAN CREOSOTE WORKS, INC. (WINNFIELD PLANT)	01	\$ 2,325,000	1993	71483	1.188	\$ 2,760,938	2.201	\$ 6,075,655
AMERICAN CROSSARM & CONDUIT CO.	01	\$ 3,740,090	1993	98532	0.931	\$ 3,483,417	2.201	\$ 7,665,528
BYPASS 601 GROUND WATER CONTAMINATION	02	\$ 4,433,200	1993	28025	1.250	\$ 5,541,500	2.201	\$ 12,194,497
CLEVELAND MILL	01	\$ 2,639,876	1993	88061	1.145	\$ 3,021,545	2.201	\$ 6,649,142
COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	22	\$ 2,656,331	1993	98421	0.922	\$ 2,450,014	2.201	\$ 5,391,444
DAKHUE SANITARY LANDFILL	02	\$ 73,436	1993	55031	0.856	\$ 62,851	2.201	\$ 138,308
DOUBLE EAGLE REFINERY CO.	02	\$ 742,269	1993	73152	1.145	\$ 849,585	2.201	\$ 1,869,577
DUELL & GARDNER LANDFILL	01	\$ 2,115,814	1993	49445	1.056	\$ 2,233,359	2.201	\$ 4,914,679
EAGLE MINE	01	\$ 24,000	1993	81645	1.022	\$ 24,516	2.201	\$ 53,950
ELMORE WASTE DISPOSAL	01	\$ 3,226,004	1993	29651	1.301	\$ 4,198,224	2.201	\$ 9,238,516
FCX, INC. (WASHINGTON PLANT)	01	\$ 2,250,464	1993	27889	1.377	\$ 3,098,465	2.201	\$ 6,818,411
FOURTH STREET ABANDONED REFINERY	02	\$ 742,269	1993	73117	1.145	\$ 849,585	2.201	\$ 1,869,577
HARBOR ISLAND (LEAD)	01	\$ 12,492,618	1993	98134	0.913	\$ 11,411,526	2.201	\$ 25,111,941
HASTINGS GROUND WATER CONTAMINATION	13	\$ 2,055,000	1993	68901	1.203	\$ 2,471,203	2.201	\$ 5,438,071
HIMCO DUMP	01	\$ 4,145,447	1993	46514	1.033	\$ 4,280,625	2.201	\$ 9,419,844
IRON MOUNTAIN MINE	03	\$ 2,056,264	1993	96001	0.880	\$ 1,808,751	2.201	\$ 3,980,295
LODI MUNICIPAL WELL	01	\$ 4,028,347	1993	07644	0.856	\$ 3,447,684	2.201	\$ 7,586,895
LORENTZ BARREL & DRUM CO.	01	\$ 11,516,142	1993	95112	0.819	\$ 9,431,323	2.201	\$ 20,754,353
MACGILLIS & GIBBS CO./BELL LUMBER & POLE CO.	01	\$ 1,105,400	1992	55112	0.856	\$ 946,063	2.300	\$ 2,176,098

Reference USEPA RI/FS Costs by Operable Unit¹

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MASON COUNTY LANDFILL	01	\$ 825,000	1993	49431	1.056	\$ 870,833	2.201	\$ 1,916,336
MCCOLL	02	\$ 8,736,365	1993	92833	0.896	\$ 7,829,761	2.201	\$ 17,229,992
METAMORA LANDFILL	03	\$ 600,000	1993	48455	0.969	\$ 581,633	2.201	\$ 1,279,927
NEWMARK GROUND WATER CONTAMINATION	01	\$ 8,031,285	1993	92408	0.931	\$ 7,480,118	2.201	\$ 16,460,576
NYANZA CHEMICAL WASTE DUMP	03	\$ 3,940,488	1993	01721	0.880	\$ 3,466,170	2.201	\$ 7,627,574
OTT/STORY/CORDOVA CHEMICAL CO.	03	\$ 797,000	1993	49445	1.056	\$ 841,278	2.201	\$ 1,851,296
PAB OIL & CHEMICAL SERVICE, INC.	01	\$ 4,615,625	1993	70510	1.159	\$ 5,347,370	2.201	\$ 11,767,300
PICILLO FARM	02	\$ 9,221,717	1993	02816	0.905	\$ 8,343,458	2.201	\$ 18,360,422
POPILE, INC.	01	\$ 2,250,000	1993	71730	1.377	\$ 3,097,826	2.201	\$ 6,817,005
SAN FERNANDO VALLEY (AREA 2)	02	\$ 6,483,000	1993	91209	0.913	\$ 5,921,971	2.201	\$ 13,031,753
SAN FERNANDO VALLEY (AREA 2)	03	\$ 600,000	1993	91209	0.913	\$ 548,077	2.201	\$ 1,206,085
SAN GABRIEL VALLEY (AREA 1)	02	\$ 10,183,000	1993	91733	0.905	\$ 9,213,190	2.201	\$ 20,274,335
SAND CREEK INDUSTRIAL	02	\$ 301,431	1992	80022	0.990	\$ 298,291	2.300	\$ 686,118
SMS INSTRUMENTS, INC.	02	\$ 849,306	1993	11729	0.772	\$ 655,968	2.201	\$ 1,443,508
SOUTH 8TH STREET LANDFILL	01	\$ 7,619,620	1993	72301	1.250	\$ 9,524,525	2.201	\$ 20,959,450
TEXARKANA WOOD PRESERVING CO.	02	\$ 750,000	1992	75501	1.218	\$ 913,462	2.300	\$ 2,101,109
U.S. RADIUM CORP.	01	\$ 7,070,258	1993	07050	0.848	\$ 5,997,094	2.201	\$ 13,197,067
WASH KING LAUNDRY	01	\$ 1,438,466	1993	49304	1.131	\$ 1,626,837	2.201	\$ 3,579,979
ABC ONE HOUR CLEANERS	02	\$ 1,290,000	1994	28540	1.397	\$ 1,802,206	2.120	\$ 3,821,292
ABERDEEN PESTICIDE DUMPS	03	\$ 44,328	1993	28315	1.250	\$ 55,410	2.201	\$ 121,934
ALADDIN PLATING	02	\$ 2,817,387	1993	18411	0.969	\$ 2,731,140	2.201	\$ 6,010,085
B&B CHEMICAL CO., INC.	01	\$ 1,451,794	1994	33010	1.092	\$ 1,585,292	2.120	\$ 3,361,361
BROOK INDUSTRIAL PARK	01	\$ 3,900,000	1994	08805	0.864	\$ 3,368,182	2.120	\$ 7,141,695
CHEMICAL LEAMAN TANK LINES, INC.	03	\$ 583,509	1993	08014	0.896	\$ 522,956	2.201	\$ 1,150,805
CIRCUITRON CORP.	02	\$ 1,800,000	1994	11735	0.772	\$ 1,390,244	2.120	\$ 2,947,792
COAKLEY LANDFILL	02	\$ 3,263,244	1994	03840	1.067	\$ 3,483,238	2.120	\$ 7,385,654
CONRAIL RAIL YARD (ELKHART)	02	\$ 4,669,860	1994	46514	1.033	\$ 4,822,138	2.120	\$ 10,224,579
FRIED INDUSTRIES	01	\$ 6,472,925	1994	08816	0.864	\$ 5,590,253	2.120	\$ 11,853,246
J & L LANDFILL	01	\$ 2,459,620	1994	48307	0.941	\$ 2,313,504	2.120	\$ 4,905,418
LEMBERGER TRANSPORT & RECYCLING	02	\$ 1,273,368	1994	54247	0.969	\$ 1,234,387	2.120	\$ 2,617,323
MACGILLIS & GIBBS CO./BELL LUMBER & POLE CO.	03	\$ 1,945,820	1994	55112	0.856	\$ 1,665,341	2.120	\$ 3,531,092
N.W. MAUTHE CO., INC.	01	\$ 2,956,880	1994	54914	1.000	\$ 2,956,880	2.120	\$ 6,269,595
NORTH PENN - AREA 1	01	\$ 3,816,666	1994	18964	0.896	\$ 3,420,597	2.120	\$ 7,252,833
PRESTOLITE BATTERY DIVISION	01	\$ 2,707,908	1994	47591	1.033	\$ 2,796,209	2.120	\$ 5,928,918
RITARI POST & POLE	01	\$ 1,766,139	1994	56477	0.950	\$ 1,677,832	2.120	\$ 3,557,577
ROCK HILL CHEMICAL CO.	01	\$ 1,070,174	1994	29730	1.397	\$ 1,495,096	2.120	\$ 3,170,114
SAN GABRIEL VALLEY (AREA 2)	01	\$ 3,185,125	1994	91706	0.905	\$ 2,881,780	2.120	\$ 6,110,357
SAND CREEK INDUSTRIAL	04	\$ 1,067,673	1994	80022	0.990	\$ 1,056,551	2.120	\$ 2,240,250

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
SANGAMO WESTON, INC./TWELVE-MILE CREEK/LAKE HARTWELL PCB CONTAMINATION	02	\$ 5,841,628	1994	29671	1.301	\$ 7,602,119	2.120	\$ 16,119,087
SHARON STEEL CORP. (MIDVALE TAILINGS)	01	\$ 16,067,835	1993	84047	1.080	\$ 17,345,958	2.201	\$ 38,171,116
TORCH LAKE	02	\$ 10,291	1994	49934	1.022	\$ 10,512	2.120	\$ 22,290
WASTE DISPOSAL, INC.	01	\$ 8,758,020	1993	90670	0.913	\$ 8,000,114	2.201	\$ 17,604,867
WYCKOFF CO./EAGLE HARBOR	01	\$ 11,669,575	1994	98110	0.913	\$ 10,659,708	2.120	\$ 22,602,220
10TH STREET SITE	01	\$ 2,474,960	1995	68601	1.267	\$ 3,134,949	2.096	\$ 6,569,913
A.I.W. FRANK/MID-COUNTY MUSTANG	01	\$ 3,757,299	1995	19341	0.872	\$ 3,274,710	2.096	\$ 6,862,809
ALBION-SHERIDAN TOWNSHIP LANDFILL	01	\$ 2,992,178	1995	49224	1.022	\$ 3,056,526	2.096	\$ 6,405,561
CARSON RIVER MERCURY SITE	01	\$ 5,502,680	1995	89401	0.960	\$ 5,280,349	2.096	\$ 11,066,027
CARTER LEE LUMBER CO.	01	\$ 1,890,000	1995	46222	1.011	\$ 1,910,106	2.096	\$ 4,003,010
CHEMICAL INSECTICIDE CORP.	03	\$ 217,258	1995	08817	0.864	\$ 187,632	2.096	\$ 393,220
DENZER & SCHAFER X-RAY CO.	01	\$ 1,627,150	1995	08721	0.864	\$ 1,405,266	2.096	\$ 2,945,015
DOUGLASS ROAD/UNIROYAL, INC., LANDFILL	01	\$ 2,290,000	1995	46544	1.033	\$ 2,364,674	2.096	\$ 4,955,647
GALEN MYERS DUMP/DRUM SALVAGE	01	\$ 2,820,000	1995	46561	1.033	\$ 2,911,957	2.096	\$ 6,102,587
GENZALE PLATING CO.	02	\$ 465,814	1995	11010	0.748	\$ 348,444	2.096	\$ 730,233
H & H INC., BURN PIT	01	\$ 3,783,985	1995	23192	1.118	\$ 4,229,160	2.096	\$ 8,863,049
INTERSTATE LEAD CO. (ILCO)	02	\$ 1,981,572	1994	35094	1.092	\$ 2,163,786	2.120	\$ 4,587,964
INTERSTATE LEAD CO. (ILCO)	03	\$ 350,052	1995	35094	1.092	\$ 382,241	2.096	\$ 801,062
MIDVALE SLAG	01	\$ 5,379,023	1995	84047	1.080	\$ 5,806,900	2.096	\$ 12,169,519
NEWMARK GROUND WATER CONTAMINATION	02	\$ 5,366,254	1995	92408	0.931	\$ 4,997,982	2.096	\$ 10,474,269
NL INDUSTRIES/TARACORP LEAD SMELTER	01	\$ 70,000	1995	62040	0.969	\$ 67,857	2.096	\$ 142,208
NORTH PENN - AREA 6	01	\$ 10,665,748	1995	19446	0.864	\$ 9,211,328	2.096	\$ 19,304,178
PACIFIC HIDE & FUR RECYCLING CO.	02	\$ 1,197,698	1995	83201	1.056	\$ 1,264,237	2.096	\$ 2,649,461
PALMETTO RECYCLING, INC.	01	\$ 1,501,530	1995	29203	1.267	\$ 1,901,938	2.096	\$ 3,985,891
QUALITY PLATING	01	\$ 1,611,749	1995	63801	1.067	\$ 1,720,406	2.096	\$ 3,605,455
RAYMARK INDUSTRIES, INC.	01	\$ 2,193,958	1995	06614	0.872	\$ 1,912,165	2.096	\$ 4,007,324
REFUSE HIDEAWAY LANDFILL	01	\$ 1,049,106	1995	53562	0.969	\$ 1,016,991	2.096	\$ 2,131,307
RSR CORPORATION	01	\$ 5,291,043	1995	75212	1.131	\$ 5,983,918	2.096	\$ 12,540,495
RSR CORPORATION	04	\$ 5,336,369	1995	75212	1.131	\$ 6,035,179	2.096	\$ 12,647,924
SEALAND RESTORATION, INC.	02	\$ 4,238,000	1995	13669	1.011	\$ 4,283,085	2.096	\$ 8,976,061
SIDNEY LANDFILL	01	\$ 4,628,000	1995	13839	1.011	\$ 4,677,234	2.096	\$ 9,802,078
SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION	02	\$ 8,110,502	1995	61109	0.931	\$ 7,553,899	2.096	\$ 15,830,704
SOUTHERN MARYLAND WOOD TREATING	02	\$ 301,773	1995	20636	1.092	\$ 329,522	2.096	\$ 690,580

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SOUTHERN SHIPBUILDING	01	\$ 750,000	1995	70459	1.173	\$ 879,630	2.096	\$ 1,843,440
SUMMITVILLE MINE	00	\$ 934,422	1994	81132	1.033	\$ 964,892	2.120	\$ 2,045,901
UNITED HECKATHORN CO.	01	\$ 3,572,532	1994	94804	0.812	\$ 2,900,774	2.120	\$ 6,150,631
WHITEFORD SALES & SERVICE INC./NATIONALEASE	01	\$ 1,694,940	1995	46619	1.033	\$ 1,750,210	2.096	\$ 3,667,914
ZELLWOOD GROUND WATER CONTAMINATION	02	\$ 2,323,522	1995	32757	1.105	\$ 2,566,681	2.096	\$ 5,378,993
AMERICAN CREOSOTE WORKS, INC. (JACKSON PLANT)	02	\$ 270,477	1996	38301	1.218	\$ 329,427	2.039	\$ 671,838
BERKLEY PRODUCTS CO. DUMP	01	\$ 638,762	1996	17517	1.022	\$ 652,499	2.039	\$ 1,330,715
BETTER BRITE PLATING CO. CHROME AND ZINC SHOPS	01	\$ 2,030,398	1996	54115	0.969	\$ 1,968,243	2.039	\$ 4,014,061
CLEBURN STREET WELL	01	\$ 2,190,000	1996	68801	1.145	\$ 2,506,627	2.039	\$ 5,112,048
CONTINENTAL STEEL CORP.	05	\$ 975,612	1996	46902	1.056	\$ 1,029,813	2.039	\$ 2,100,214
KAUFFMAN & MINTEER, INC.	01	\$ 3,148,633	1996	08041	0.896	\$ 2,821,888	2.039	\$ 5,754,997
LOWER ECORSE CREEK DUMP	01	\$ 2,684,520	1996	48192	0.941	\$ 2,525,044	2.039	\$ 5,149,608
MCCORMICK & BAXTER CREOSOTING CO. (PORTLAND PLANT)	01	\$ 121,190	1996	97203	0.922	\$ 111,777	2.039	\$ 227,960
MIDDLETOWN AIR FIELD	03	\$ 225,000	1996	17057	0.979	\$ 220,361	2.039	\$ 449,407
OLEAN WELL FIELD	02	\$ 2,290,181	1996	14760	1.022	\$ 2,339,432	2.039	\$ 4,771,070
OPERATING INDUSTRIES, INC., LANDFILL	01	\$ 65,803,564	1996	91754	0.905	\$ 59,536,558	2.039	\$ 121,419,663
PARSONS CASKET HARDWARE CO.	01	\$ 8,844,737	1996	61008	0.931	\$ 8,237,745	2.039	\$ 16,800,169
ROEBLING STEEL CO.	04	\$ 3,199,905	1996	08554	0.864	\$ 2,763,554	2.039	\$ 5,636,030
SOUTHERN SHIPBUILDING	02	\$ 689	1996	70459	1.173	\$ 808	2.039	\$ 1,648
TOMAH FAIRGROUNDS	01	\$ 1,020,000	1996	54660	0.990	\$ 1,009,375	2.039	\$ 2,058,533
BOOMSNUB/AIRCO	03	\$ 50,633	1997	98661	0.931	\$ 47,158	1.968	\$ 92,825
CROSSLEY FARM	01	\$ 8,494,665	1997	18056	0.913	\$ 7,759,550	1.968	\$ 15,273,670
DAVIS (GSR) LANDFILL	01	\$ 5,806,733	1997	02828	0.905	\$ 5,253,711	1.968	\$ 10,341,250
ESCAMBIA WOOD - PENSACOLA	01	\$ 8,240,378	1997	32522	1.173	\$ 9,664,641	1.968	\$ 19,023,595
HARBOR ISLAND (LEAD)	07	\$ 468,916	1996	98134	0.913	\$ 428,337	2.039	\$ 873,556
HIGGINS DISPOSAL	01	\$ 2,410,000	1997	08528	0.864	\$ 2,081,364	1.968	\$ 4,096,895
IRON MOUNTAIN MINE	04	\$ 7,020,000	1997	96001	0.880	\$ 6,175,000	1.968	\$ 12,154,689
J & L LANDFILL	02	\$ 84,243	1997	48307	0.941	\$ 79,238	1.968	\$ 155,971
JACKS CREEK/SITKIN SMELTING & REFINING, INC.	01	\$ 4,522,184	1997	17044	0.979	\$ 4,428,943	1.968	\$ 8,717,801
MODESTO GROUND WATER CONTAMINATION	01	\$ 4,730,000	1997	95351	0.888	\$ 4,199,533	1.968	\$ 8,266,237
ORGANIC CHEMICALS, INC.	02	\$ 4,690,191	1997	49418	1.056	\$ 4,950,757	1.968	\$ 9,744,925
PARSONS CHEMICAL WORKS, INC.	01	\$ 2,041,476	1997	48837	0.990	\$ 2,020,211	1.968	\$ 3,976,523
PORTLAND CEMENT (KILN DUST 2 & 3)	03	\$ 900,000	1997	84116	1.080	\$ 971,591	1.968	\$ 1,912,451
RSR CORPORATION	03	\$ 8,011,464	1997	75212	1.131	\$ 9,060,584	1.968	\$ 17,834,588

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
RSR CORPORATION	05	\$ 5,624,638	1997	75212	1.131	\$ 6,361,198	1.968	\$ 12,521,195
SCRAP PROCESSING CO., INC.	01	\$ 1,244,920	1997	54451	1.000	\$ 1,244,920	1.968	\$ 2,450,464
TAR CREEK (OTTAWA COUNTY)	02	\$ 7,581,909	1997	74339	1.159	\$ 8,783,919	1.968	\$ 17,290,008
TUCSON INTERNATIONAL AIRPORT AREA	02	\$ 1,637,434	1997	85734	1.105	\$ 1,808,793	1.968	\$ 3,560,376
BURNT FLY BOG	03	\$ 1,383,386	1998	07746	0.856	\$ 1,183,979	1.937	\$ 2,292,983
CHEMSOL, INC.	01	\$ 5,637,497	1998	08854	0.864	\$ 4,868,747	1.937	\$ 9,429,181
CONTINENTAL STEEL CORP.	01	\$ 2,217,238	1998	46902	1.056	\$ 2,340,418	1.937	\$ 4,532,629
CONTINENTAL STEEL CORP.	02	\$ 6,484,500	1998	46902	1.056	\$ 6,844,750	1.937	\$ 13,256,056
CONTINENTAL STEEL CORP.	03	\$ 5,875,968	1998	46902	1.056	\$ 6,202,411	1.937	\$ 12,012,054
CONTINENTAL STEEL CORP.	04	\$ 123,180	1998	46902	1.056	\$ 130,023	1.937	\$ 251,813
CONTINENTAL STEEL CORP.	05	\$ 58,980	1998	46902	1.056	\$ 62,257	1.937	\$ 120,571
DAVIS PARK ROAD TCE	01	\$ 933,399	1998	28052	1.250	\$ 1,166,749	1.937	\$ 2,259,613
FISCHER & PORTER CO.	02	\$ 4,003,252	1998	18974	0.896	\$ 3,587,820	1.937	\$ 6,948,442
FLETCHER'S PAINT WORKS & STORAGE	01	\$ 8,410,663	1998	03055	1.022	\$ 8,591,537	1.937	\$ 16,639,016
FOREST GLEN MOBILE HOME SUBDIVISION	02	\$ 4,789,879	1998	14301	0.941	\$ 4,505,332	1.937	\$ 8,725,363
INDIAN BEND WASH AREA	03	\$ 22,655,711	1998	85253	1.118	\$ 25,321,089	1.937	\$ 49,038,719
METROPOLITAN MIRROR AND GLASS CO., INC.	01	\$ 2,098,283	1998	17931	1.011	\$ 2,120,605	1.937	\$ 4,106,923
NEW HAMPSHIRE PLATING CO.	01	\$ 6,201,172	1998	03054	1.022	\$ 6,334,531	1.937	\$ 12,267,927
NORTH BRONSON INDUSTRIAL AREA	01	\$ 2,920,000	1998	49028	1.033	\$ 3,015,217	1.937	\$ 5,839,496
PENTA WOOD PRODUCTS	01	\$ 934,030	1998	54872	0.960	\$ 896,291	1.937	\$ 1,735,825
PMC GROUNDWATER	01	\$ 75,000	1998	49770	1.092	\$ 81,897	1.937	\$ 158,607
SPARTAN CHEMICAL CO.	01	\$ 1,836,500	1998	49509	1.131	\$ 2,076,994	1.937	\$ 4,022,462
WHITEHOUSE OIL PITS	01	\$ 1,230	1998	32220	1.173	\$ 1,443	1.937	\$ 2,794
57TH AND NORTH BROADWAY STREETS SITE	01	\$ 5,293,293	1999	67219	1.118	\$ 5,916,033	1.891	\$ 11,189,835
ACE SERVICES	01	\$ 1,167,295	1999	67701	1.203	\$ 1,403,709	1.891	\$ 2,655,035
BOARHEAD FARMS	01	\$ 10,631,020	1998	18972	0.896	\$ 9,527,801	1.937	\$ 18,452,254
ELECTROVOICE	02	\$ 237,618	1999	49107	1.044	\$ 248,063	1.891	\$ 469,196
JACOBS SMELTER	01	\$ 2,325,000	1999	84071	1.080	\$ 2,509,943	1.891	\$ 4,747,413
KEYSTONE SANITATION LANDFILL	02	\$ 3,620,109	1999	17331	0.990	\$ 3,582,400	1.891	\$ 6,775,902
LI TUNGSTEN CORP.	01	\$ 5,381,314	1999	11542	0.772	\$ 4,156,299	1.891	\$ 7,861,400
LI TUNGSTEN CORP.	02	\$ 2,221,233	1999	11542	0.772	\$ 1,715,586	1.891	\$ 3,244,933
LI TUNGSTEN CORP.	03	\$ 911,312	1998	11542	0.772	\$ 703,859	1.937	\$ 1,363,146
MARZONE INC./CHEVRON CHEMICAL CO.	02	\$ 1,151,880	1999	31794	1.203	\$ 1,385,172	1.891	\$ 2,619,973
MCCORMICK & BAXTER CREOSOTING CO.	01	\$ 11,628,960	1999	95203	0.880	\$ 10,229,178	1.891	\$ 19,347,899
MCCORMICK & BAXTER CREOSOTING CO.	03	\$ 2,380,000	1999	95203	0.880	\$ 2,093,519	1.891	\$ 3,959,769

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
OGALLALA GROUND WATER CONTAMINATION	01	\$ 3,270,147	1999	69153	1.188	\$ 3,883,300	1.891	\$ 7,345,037
PACIFIC SOUND RESOURCES	02	\$ 2,250,525	1999	98126	0.913	\$ 2,055,768	1.891	\$ 3,888,366
ROSS METALS INC.	01	\$ 601,843	1998	38066	1.080	\$ 649,717	1.937	\$ 1,258,290
SOUTHERN SOLVENTS, INC.	01	\$ 2,599,636	1999	33624	1.092	\$ 2,838,683	1.891	\$ 5,369,205
TEX-TIN CORP.	01	\$ 574,016	1999	77568	1.118	\$ 641,547	1.891	\$ 1,213,450
VANCOUVER WATER STATION #4 CONTAMINATION	01	\$ 2,971,376	1999	98661	0.931	\$ 2,767,458	1.891	\$ 5,234,487
WELSBACH & GENERAL GAS MANTLE (CAMDEN RADIATION)	01	\$ 7,398,247	1999	08030	0.896	\$ 6,630,504	1.891	\$ 12,541,216
ATLAS TACK CORP.	01	\$ 7,040,235	2000	02719	0.872	\$ 6,135,985	1.843	\$ 11,308,928
BOOMSNUB/AIRCO	01	\$ 4,649,579	2000	98661	0.931	\$ 4,330,490	1.843	\$ 7,981,311
CHEMICAL INSECTICIDE CORP.	02	\$ 4,669,648	2000	08817	0.864	\$ 4,032,878	1.843	\$ 7,432,797
COMPUTER CIRCUITS	01	\$ 115,270	2000	11788	0.772	\$ 89,030	1.843	\$ 164,086
DELATTE METALS	00	\$ 3,457,030	2000	70454	1.173	\$ 4,054,541	1.843	\$ 7,472,724
DENVER RADIUM SITE	08	\$ 264,157	2000	80204	0.990	\$ 261,405	1.843	\$ 481,783
EASTERN SURPLUS	01	\$ 6,226,995	2000	04657	1.105	\$ 6,878,657	1.843	\$ 12,677,711
FEDERAL CREOSOTE	02	\$ 202,232	2000	08835	0.864	\$ 174,655	1.843	\$ 321,898
HASTINGS GROUND WATER CONTAMINATION	05	\$ 1,350,990	2000	68901	1.203	\$ 1,624,608	1.843	\$ 2,994,235
HORSESHOE ROAD	01	\$ 7,379,722	2000	08872	0.864	\$ 6,373,396	1.843	\$ 11,746,490
NORTH PENN - AREA 6	03	\$ 3,636,803	2000	19446	0.864	\$ 3,140,875	1.843	\$ 5,788,791
NORTHWEST PIPE & CASING/HALL PROCESS COMPANY	01	\$ 3,835,431	2000	97015	0.922	\$ 3,537,533	1.843	\$ 6,519,852
OTTAWA RADIATION AREAS	01	\$ 2,419,606	2000	61350	0.960	\$ 2,321,844	1.843	\$ 4,279,275
PALERMO WELL FIELD GROUND WATER CONTAMINATION	01	\$ 4,053,378	1999	98501	0.931	\$ 3,775,205	1.891	\$ 7,140,582
PETER COOPER	01	\$ 206,339	2000	14070	0.931	\$ 192,178	1.843	\$ 354,195
RED PENN SANITATION CO. LANDFILL	01	\$ 4,350,000	2000	40014	1.033	\$ 4,491,848	1.843	\$ 8,278,701
RHINEHART TIRE FIRE DUMP	03	\$ 617,126	2000	22602	1.203	\$ 742,114	1.843	\$ 1,367,753
ROSE HILL REGIONAL LANDFILL	01	\$ 7,807,421	1999	02880	0.905	\$ 7,063,857	1.891	\$ 13,360,878
SAN GABRIEL VALLEY (AREA 1)	02	\$ 3,122,535	1999	91733	0.905	\$ 2,825,151	1.891	\$ 5,343,609
SPRAGUE ROAD GROUND WATER PLUME	01	\$ 3,497,158	2000	79764	1.234	\$ 4,314,675	1.843	\$ 7,952,164
SYNCON RESINS	02	\$ 2,352,656	2000	07032	0.848	\$ 1,995,556	1.843	\$ 3,677,911
V&M/ALBALADEJO	01	\$ 3,402,821	2000	00900	1.092	\$ 3,715,724	1.843	\$ 6,848,266
WYCKOFF CO./EAGLE HARBOR	02	\$ 7,458,850	2000	98110	0.913	\$ 6,813,373	1.843	\$ 12,557,388
ZELLWOOD GROUND WATER CONTAMINATION	02	\$ 788,919	2000	32757	1.105	\$ 871,480	1.843	\$ 1,606,182
10TH STREET SITE	02	\$ 5,260,423	2001	68601	1.267	\$ 6,663,202	1.808	\$ 12,046,478
BASIN MINING AREA	01	\$ 5,719,798	2001	59631	1.067	\$ 6,105,402	1.808	\$ 11,038,025
CENTRAL WOOD PRESERVING CO.	00	\$ 906,179	2001	70722	1.159	\$ 1,049,842	1.808	\$ 1,898,020

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
CROSSLEY FARM	02	\$ 24,969	2001	18056	0.913	\$ 22,808	1.808	\$ 41,235
FRANKLIN BURN	01	\$ 1,927,957	2001	08322	0.896	\$ 1,727,886	1.808	\$ 3,123,864
FRUIT AVENUE PLUME	01	\$ 4,112,391	2001	87102	1.067	\$ 4,389,631	1.808	\$ 7,936,062
GILT EDGE MINE	03	\$ 649,055	2001	57754	1.218	\$ 790,516	1.808	\$ 1,429,182
HOLLINGSWORTH SOLDERLESS TERMINAL	01	\$ 566,986	2001	33309	1.105	\$ 626,322	1.808	\$ 1,132,334
INDUSTRIAL LATEX CORP.	02	\$ 1,150,000	2001	07057	0.848	\$ 975,446	1.808	\$ 1,763,520
NORTH RAILROAD AVENUE PLUME	01	\$ 5,253,775	2001	87532	1.080	\$ 5,671,689	1.808	\$ 10,253,909
NORTHWEST PIPE & CASING/HALL PROCESS COMPANY	02	\$ 746,205	2001	97015	0.922	\$ 688,247	1.808	\$ 1,244,290
SHIAWASSEE RIVER	01	\$ 3,106,630	2001	48843	0.990	\$ 3,074,269	1.808	\$ 5,558,006
SOLITRON MICROWAVE	01	\$ 2,574,669	2000	34997	1.145	\$ 2,946,910	1.843	\$ 5,431,304
SUMMITVILLE MINE	05	\$ 16,784,371	2001	81132	1.033	\$ 17,331,687	1.808	\$ 31,334,150
TRANS CIRCUITS, INC.	01	\$ 1,806,350	2000	33403	1.145	\$ 2,067,509	1.843	\$ 3,810,523
AIRCRAFT COMPONENTS (D & L SALES)	01	\$ 340,344	2002	49022	1.033	\$ 351,442	1.754	\$ 616,337
ALARIC AREA GW PLUME	01	\$ 3,780,495	2002	33619	1.092	\$ 4,128,127	1.754	\$ 7,239,642
BRUNSWICK WOOD PRESERVING	01	\$ 1,842,392	2002	31520	1.250	\$ 2,302,990	1.754	\$ 4,038,835
BUNKER HILL MINING & METALLURGICAL COMPLEX	03	\$ 15,239,475	2002	83837	1.022	\$ 15,567,206	1.754	\$ 27,300,762
CITY OF PERRYTON WELL NO. 2	01	\$ 2,101,471	2002	79070	1.188	\$ 2,495,497	1.754	\$ 4,376,441
COOPER DRUM CO.	01	\$ 4,687,161	2002	90280	0.888	\$ 4,161,498	1.754	\$ 7,298,167
EASTLAND WOOLEN MILL	01	\$ 13,172,890	2002	04928	1.105	\$ 14,551,448	1.754	\$ 25,519,392
EUREKA MILLS	00	\$ 1,336,770	2002	84628	1.092	\$ 1,459,691	1.754	\$ 2,559,913
GILT EDGE MINE	02	\$ 809,129	2001	57754	1.218	\$ 985,478	1.808	\$ 1,781,656
HUDSON RIVER PCBS	02	\$ 65,759,430	2002	12871	1.033	\$ 67,903,759	1.754	\$ 119,085,235
KERR-MCGEE (REED-KEPLER PARK)	01	\$ 3,577,269	2002	60185	0.856	\$ 3,061,627	1.754	\$ 5,369,283
KIM-STAN LANDFILL	01	\$ 1,737,153	2002	24474	1.267	\$ 2,200,394	1.754	\$ 3,858,909
LIBERTY INDUSTRIAL FINISHING	01	\$ 4,200,000	2002	11735	0.772	\$ 3,243,902	1.754	\$ 5,688,947
MARION PRESSURE TREATING	01	\$ 1,958,225	2002	71260	1.203	\$ 2,354,828	1.754	\$ 4,129,745
MIDVALE SLAG	02	\$ 8,016,313	2002	84047	1.080	\$ 8,653,974	1.754	\$ 15,176,782
MRI CORP (TAMPA)	03	\$ 4,797	2002	33619	1.092	\$ 5,238	1.754	\$ 9,186
POWNAL TANNERY	01	\$ 4,192,453	2002	05261	1.250	\$ 5,240,566	1.754	\$ 9,190,567
REASOR CHEMICAL COMPANY	01	\$ 1,641,416	2002	28429	1.250	\$ 2,051,770	1.754	\$ 3,598,262
ROSS METALS INC.	02	\$ 661,669	2002	38066	1.080	\$ 714,302	1.754	\$ 1,252,696
RUSTON FOUNDRY	01	\$ 2,423,147	2002	71302	1.188	\$ 2,877,487	1.754	\$ 5,046,351
SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION	03	\$ 3,333,024	2002	61109	0.931	\$ 3,104,287	1.754	\$ 5,444,099
TENNESSEE PRODUCTS	01	\$ 3,270,702	2002	37410	1.203	\$ 3,933,123	1.754	\$ 6,897,657
UPPER TENMILE CREEK MINING AREA	04	\$ 7,617,737	2002	59601	1.067	\$ 8,131,292	1.754	\$ 14,260,136
VIENNA TETRACHLOROETHENE	01	\$ 3,583,983	2002	26105	0.990	\$ 3,546,650	1.754	\$ 6,219,886
ALLIED PAPER, INC./PORTAGE CREEK/KALAMAZOO RIVER	05	\$ 79,384	2003	49003	1.033	\$ 81,973	1.713	\$ 140,396

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
CONROE CREOSOTING CO.	00	\$ 532,289	2003	77301	1.319	\$ 702,326	1.713	\$ 1,202,885
CORNELL DUBILIER ELECTRONICS INC.	01	\$ 1,512,053	2003	07080	0.848	\$ 1,282,545	1.713	\$ 2,196,636
EMMELL'S SEPTIC LANDFILL	01	\$ 448,262	2003	08215	0.896	\$ 401,744	1.713	\$ 688,074
HARBOR ISLAND (LEAD)	08	\$ 103,440	2003	98134	0.913	\$ 94,488	1.713	\$ 161,832
HASTINGS GROUND WATER CONTAMINATION	20	\$ 1,486,844	2003	68901	1.203	\$ 1,787,977	1.713	\$ 3,062,298
INTERMOUNTAIN WASTE OIL REFINERY	01	\$ 2,413,060	2002	84010	1.080	\$ 2,605,008	1.754	\$ 4,568,495
KERR-MCGEE (RESIDENTIAL AREAS)	01	\$ 23,987,103	2003	60185	0.856	\$ 20,529,503	1.713	\$ 35,161,216
MALLARD BAY LANDING BULK PLANT	01	\$ 1,405,276	2003	70542	1.159	\$ 1,628,064	1.713	\$ 2,788,411
NORTH PENN - AREA 2	01	\$ 1,984,562	2003	19440	0.864	\$ 1,713,940	1.713	\$ 2,935,493
OESER CO.	01	\$ 10,436,786	2003	98225	0.931	\$ 9,720,536	1.713	\$ 16,648,522
RAILROAD AVENUE GROUNDWATER CONTAMINATION	01	\$ 2,667,146	2003	50265	1.044	\$ 2,784,383	1.713	\$ 4,768,859
ROCKWOOL INDUSTRIES INC.	01	\$ 2,178,745	2003	76513	1.267	\$ 2,759,744	1.713	\$ 4,726,658
ROEBLING STEEL CO.	05	\$ 5,792,564	2003	08554	0.864	\$ 5,002,669	1.713	\$ 8,568,153
VASQUEZ BOULEVARD AND I-70	01	\$ 11,134,181	2003	80216	0.990	\$ 11,018,200	1.713	\$ 18,871,052
WRIGLEY CHARCOAL PLANT	00	\$ 1,365,707	2003	37098	1.092	\$ 1,491,289	1.713	\$ 2,554,156
BARBER ORCHARD	01	\$ 3,501,598	2004	28786	1.267	\$ 4,435,357	1.612	\$ 7,147,588
BEEDE WASTE OIL	01	\$ 12,866,591	2004	03865	1.067	\$ 13,734,002	1.612	\$ 22,132,371
BLUE RIDGE PLATING COMPANY	01	\$ 1,740,633	2004	28704	1.267	\$ 2,204,802	1.612	\$ 3,553,043
CENTRAL CITY, CLEAR CREEK	04	\$ 3,431,333	2004	80452	1.011	\$ 3,467,837	1.612	\$ 5,588,426
CORNELL DUBILIER ELECTRONICS INC.	02	\$ 790,338	2004	07080	0.848	\$ 670,376	1.612	\$ 1,080,312
INTERMOUNTAIN WASTE OIL REFINERY	02	\$ 4,174,449	2004	84010	1.080	\$ 4,506,507	1.612	\$ 7,262,246
IRON HORSE PARK	03	\$ 12,381,021	2004	01862	0.856	\$ 10,596,369	1.612	\$ 17,076,071
IRON MOUNTAIN MINE	05	\$ 10,886,823	2004	96001	0.880	\$ 9,576,372	1.612	\$ 15,432,343
JACKSON STEEL	01	\$ 6,748,020	2004	11501	0.772	\$ 5,211,885	1.612	\$ 8,398,964
LAVA CAP MINE	01	\$ 4,881,051	2004	95959	0.880	\$ 4,293,517	1.612	\$ 6,919,011
MANY DIVERSIFIED INTERESTS, INC.	01	\$ 5,465,179	2004	77020	1.080	\$ 5,899,909	1.612	\$ 9,507,716
MOUNTAIN PINE PRESSURE TREATING	01	\$ 1,867,373	2004	72857	1.301	\$ 2,430,143	1.612	\$ 3,916,180
NORTH PENN - AREA 7	02	\$ 1,629,543	2004	19454	0.864	\$ 1,407,333	1.612	\$ 2,267,919
NUTMEG VALLEY ROAD	01	\$ 1,052,982	2004	06716	0.872	\$ 917,737	1.612	\$ 1,478,934
SMITHTOWN GROUND WATER CONTAMINATION	01	\$ 2,578,661	2004	11780	0.772	\$ 1,991,649	1.612	\$ 3,209,546
STANDARD CHLORINE OF DELAWARE, INC.	01	\$ 3,853	2004	19720	0.931	\$ 3,589	1.612	\$ 5,783
TUCSON INTERNATIONAL AIRPORT AREA	01	\$ 4,429,512	2004	85734	1.105	\$ 4,893,066	1.612	\$ 7,885,185
VEGA BAJA SOLID WASTE DISPOSAL	01	\$ 422,017	2004	00900	1.092	\$ 460,823	1.612	\$ 742,617
ZSCHIEGNER REFINING	01	\$ 1,692,740	2004	07731	0.856	\$ 1,448,741	1.612	\$ 2,334,650
10TH STREET SITE	02	\$ 1,995,327	2005	68601	1.267	\$ 2,527,414	1.540	\$ 3,891,918

Reference USEPA RI/FS Costs by Operable Unit¹

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ANNAPOLIS LEAD MINE	01	\$ 363,430	2005	63620	0.979	\$ 355,937	1.540	\$ 548,100
BREWER GOLD MINE	01	\$ 3,448,000	2005	29718	1.397	\$ 4,817,059	1.540	\$ 7,417,700
CALIFORNIA GULCH	11	\$ 648,555	2005	80461	1.011	\$ 655,455	1.540	\$ 1,009,322
DOVER MUNICIPAL WELL 4	02	\$ 3,898,577	2005	07801	0.856	\$ 3,336,620	1.540	\$ 5,137,999
FRIDLEY COMMONS PARK WELL FIELD	01	\$ 918,804	2005	55432	0.848	\$ 779,343	1.540	\$ 1,200,095
GLEN RIDGE RADIUM SITE	02	\$ 950,000	2005	07028	0.848	\$ 805,804	1.540	\$ 1,240,842
HATHEWAY & PATTERSON	01	\$ 1,945,601	2005	02048	0.819	\$ 1,593,380	1.540	\$ 2,453,617
LITTLE VALLEY	02	\$ 6,939,269	2005	14755	1.022	\$ 7,088,501	1.540	\$ 10,915,451
LOCKWOOD SOLVENT GROUND WATER PLUME	01	\$ 7,986,520	2005	59101	1.056	\$ 8,430,216	1.540	\$ 12,981,533
MARTIN AARON, INC.	01	\$ 5,287,173	2005	08104	0.888	\$ 4,694,219	1.540	\$ 7,228,541
MONITOR DEVICES, INC./INTERCIRCUITS, INC.	01	\$ 4,566,243	2005	07727	0.856	\$ 3,908,046	1.540	\$ 6,017,927
MONTCLAIR/WEST ORANGE RADIUM SITE	02	\$ 1,679,482	2005	07044	0.848	\$ 1,424,561	1.540	\$ 2,193,655
OMAHA LEAD	01	\$ 13,990,258	2004	68102	1.056	\$ 14,767,495	1.612	\$ 23,797,847
OUACHITA NEVADA WOOD TREATER	01	\$ 1,082,072	2005	71726	1.377	\$ 1,489,809	1.540	\$ 2,294,130
PARSONS CASKET HARDWARE CO.	02	\$ 147,860	2005	61008	0.931	\$ 137,713	1.540	\$ 212,061
PEMACO MAYWOOD	01	\$ 11,733,225	2005	90270	0.888	\$ 10,417,349	1.540	\$ 16,041,483
TAYLOR LUMBER AND TREATING	01	\$ 3,962,532	2005	97378	0.922	\$ 3,654,763	1.540	\$ 5,627,901
TROY MILLS LANDFILL	01	\$ 1,850,000	2005	03465	1.234	\$ 2,282,468	1.540	\$ 3,514,729
WELSBACH & GENERAL GAS MANTLE (CAMDEN RADIATION)	03	\$ 2,834,302	2005	08030	0.896	\$ 2,540,176	1.540	\$ 3,911,570
WHITE CHEMICAL CORP.	02	\$ 7,089,909	2005	07114	0.848	\$ 6,013,762	1.540	\$ 9,260,481
AMERICAN BRASS INC.	01	\$ 4,131,730	2006	36345	1.267	\$ 5,233,525	1.479	\$ 7,741,662
ELIZABETH MINE	01	\$ 18,124,513	2006	05070	1.267	\$ 22,957,716	1.479	\$ 33,960,073
ESCAMBIA WOOD - PENSACOLA	01	\$ 426,209	2006	32522	1.173	\$ 499,875	1.479	\$ 739,437
FRONTIER FERTILIZER	01	\$ 14,801,879	2006	95618	0.872	\$ 12,900,720	1.479	\$ 19,083,318
GARLAND CREOSOTING	01	\$ 1,374,524	2006	75602	1.301	\$ 1,788,764	1.479	\$ 2,646,019
GRANTS CHLORINATED SOLVENTS	00	\$ 1,074,604	2006	87020	1.067	\$ 1,147,049	1.479	\$ 1,696,766
HART CREOSOTING COMPANY	01	\$ 1,653,525	2006	75951	1.301	\$ 2,151,848	1.479	\$ 3,183,109
HASTINGS GROUND WATER CONTAMINATION	12	\$ 1,896,458	2006	68901	1.203	\$ 2,280,551	1.479	\$ 3,373,492
HITEMAN LEATHER	01	\$ 1,224,542	2006	13491	1.011	\$ 1,237,569	1.479	\$ 1,830,667
ICELAND COIN LAUNDRY AREA GW PLUME	01	\$ 1,505,937	2006	08360	0.896	\$ 1,349,661	1.479	\$ 1,996,478
JASPER CREOSOTING COMPANY INC.	01	\$ 2,887,356	2006	75951	1.301	\$ 3,757,518	1.479	\$ 5,558,288
LAWRENCE AVIATION INDUSTRIES, INC.	01	\$ 2,448,640	2006	11776	0.772	\$ 1,891,226	1.479	\$ 2,797,585
MIDNITE MINE	01	\$ 7,040,130	2006	99040	0.990	\$ 6,966,795	1.479	\$ 10,305,593
OGALLALA GROUND WATER CONTAMINATION	02	\$ 1,359,488	2006	69153	1.188	\$ 1,614,392	1.479	\$ 2,388,080

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
ORDNANCE PRODUCTS, INC.	01	\$ 5,371,266	2005	21901	1.159	\$ 6,222,808	1.540	\$ 9,582,387
PARKVIEW WELL	01	\$ 1,940,744	2006	68803	1.145	\$ 2,221,333	1.479	\$ 3,285,895
POHATCONG VALLEY GROUND WATER CONTAMINATION	01	\$ 21,130,008	2006	07882	0.856	\$ 18,084,241	1.479	\$ 26,751,012
PUCHACK WELL FIELD	01	\$ 10,450,387	2006	08110	0.888	\$ 9,278,381	1.479	\$ 13,724,993
ROCKAWAY BOROUGH WELL FIELD	04	\$ 1,516,133	2006	07866	0.856	\$ 1,297,591	1.479	\$ 1,919,455
RYELAND ROAD ARSENIC SITE	01	\$ 2,578,834	2006	19567	0.950	\$ 2,449,892	1.479	\$ 3,623,989
SCORPIO RECYCLING, INC.	01	\$ 1,065,229	2006	00949	1.092	\$ 1,163,181	1.479	\$ 1,720,629
SHARON STEEL CORP (FARRELL WORKS DISPOSAL AREA)	01	\$ 5,831,588	2006	16159	0.990	\$ 5,770,842	1.479	\$ 8,536,486
SIGMON'S SEPTIC TANK SERVICE	01	\$ 3,107,409	2006	28677	1.397	\$ 4,341,233	1.479	\$ 6,421,745
TOWER CHEMICAL CO.	03	\$ 20,000	2006	34711	1.105	\$ 22,093	1.479	\$ 32,681
U.S. RADIUM CORP.	03	\$ 5,611,566	2006	07050	0.848	\$ 4,759,810	1.479	\$ 7,040,923
UNITED METALS, INC.	01	\$ 2,483,172	2006	32446	1.319	\$ 3,276,408	1.479	\$ 4,846,607
WALSH LANDFILL	04	\$ 2,073,415	2006	19344	0.872	\$ 1,807,105	1.479	\$ 2,673,150
WELLS G&H	03	\$ 6,552,861	2006	01801	0.856	\$ 5,608,304	1.479	\$ 8,296,053
AMERICAN CREOSOTE WORKS INC	01	\$ 4,984,631	2007	39339	1.284	\$ 6,399,188	1.439	\$ 9,209,625
ANNAPOLIS LEAD MINE	02	\$ 7,310	2007	63620	0.979	\$ 7,159	1.439	\$ 10,304
BOUNTIFUL/WOODS CROSS 5TH S. PCE PLUME	02	\$ 3,518,584	2007	84010	1.080	\$ 3,798,471	1.439	\$ 5,466,709
BROWN & BRYANT, INC. (ARVIN PLANT)	02	\$ 11,950,000	2007	93203	0.913	\$ 10,915,865	1.439	\$ 15,709,966
CALLAWAY & SON DRUM SERVICE	01	\$ 4,080,581	2007	33850	1.105	\$ 4,507,619	1.439	\$ 6,487,304
CONSOLIDATED IRON AND METAL	01	\$ 1,499,040	2006	12550	0.872	\$ 1,306,503	1.479	\$ 1,932,637
GRIGGS & WALNUT GROUND WATER PLUME	01	\$ 4,767,575	2007	88004	1.145	\$ 5,456,863	1.439	\$ 7,853,443
OAK GROVE VILLAGE WELL	01	\$ 5,933,579	2007	63080	0.931	\$ 5,526,373	1.439	\$ 7,953,481
OLD ROOSEVELT FIELD CONTAMINATED GW AREA	01	\$ 2,495,477	2007	11530	0.772	\$ 1,927,401	1.439	\$ 2,773,889
OUTBOARD MARINE CORP.	04	\$ 646,627	2007	60085	0.856	\$ 553,420	1.439	\$ 796,474
PARKVIEW WELL	02	\$ 431,709	2007	68803	1.145	\$ 494,125	1.439	\$ 711,138
PEACH ORCHARD RD PCE GROUNDWATER PLUME SITE	01	\$ 1,379,255	2007	30906	1.203	\$ 1,658,598	1.439	\$ 2,387,031
PICAYUNE WOOD TREATING SITE	00	\$ 6,497,162	2007	39466	1.377	\$ 8,945,368	1.439	\$ 12,874,052
RIVERFRONT	05	\$ 263,708	2006	63068	0.931	\$ 245,610	1.479	\$ 363,318
SPARTAN CHEMICAL CO.	02	\$ 851,397	2007	49509	1.131	\$ 962,889	1.439	\$ 1,385,777
STATE MARINE OF PORT ARTHUR	01	\$ 1,426,442	2007	77642	1.159	\$ 1,652,585	1.439	\$ 2,378,378
TAR CREEK (OTTAWA COUNTY)	04	\$ 137,173	2007	74339	1.159	\$ 158,920	1.439	\$ 228,715
WRIGHT GROUND WATER CONTAMINATION	01	\$ 1,190,569	2007	67882	1.105	\$ 1,315,163	1.439	\$ 1,892,765
ATLANTIC WOOD INDUSTRIES, INC.	02	\$ 5,132,167	2007	23704	1.131	\$ 5,804,236	1.439	\$ 8,353,378
ATLANTIC WOOD INDUSTRIES, INC.	03	\$ 2,112,649	2007	23704	1.131	\$ 2,389,305	1.439	\$ 3,438,656

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location-Adjusted RI/FS Cost
CAPTAIN JACK MILL	01	\$ 3,901,838	2008	80481	1.011	\$ 3,943,347	1.380	\$ 5,440,183
EMMELL'S SEPTIC LANDFILL	02	\$ 3,526,209	2008	08215	0.896	\$ 3,160,282	1.380	\$ 4,359,878
GILT EDGE MINE	01	\$ 23,739,165	2008	57754	1.218	\$ 28,913,086	1.380	\$ 39,888,067
HOPEWELL PRECISION	02	\$ 783,676	2008	12533	0.872	\$ 683,020	1.380	\$ 942,285
HUDSON REFINERY	01	\$ 3,856,577	2007	74023	1.188	\$ 4,579,685	1.439	\$ 6,591,021
IMPERIAL REFINING COMPANY	00	\$ 4,583,723	2007	73402	1.173	\$ 5,375,971	1.439	\$ 7,737,025
LAVA CAP MINE	02	\$ 994,764	2008	95959	0.880	\$ 875,024	1.380	\$ 1,207,170
MCGAFFEY AND MAIN GROUNDWATER PLUME	00	\$ 2,485,215	2008	88201	1.080	\$ 2,682,903	1.380	\$ 3,701,293
MERCURY REFINING, INC.	01	\$ 2,978,827	2008	12205	0.979	\$ 2,917,408	1.380	\$ 4,024,813
SOUTH MINNEAPOLIS RESIDENTIAL SOIL CONTAMINATION	00	\$ 553,098	2008	55407	0.848	\$ 469,146	1.380	\$ 647,226
STATE ROAD 114 GROUNDWATER PLUME	00	\$ 7,865,414	2008	79336	1.203	\$ 9,458,409	1.380	\$ 13,048,682
WARD TRANSFORMER	01	\$ 4,322,005	2008	27560	1.234	\$ 5,332,344	1.380	\$ 7,356,423
ARSENIC TRIOXIDE SITE	01	\$ 222,454	2009	58053	1.118	\$ 248,625	1.338	\$ 332,636
CAMILLA WOOD PRESERVING COMPANY	01	\$ 4,483,812	2009	31730	1.203	\$ 5,391,926	1.338	\$ 7,213,872
CARPENTER SNOW CREEK MINING DISTRICT	01	\$ 3,519,161	2009	59465	1.056	\$ 3,714,670	1.338	\$ 4,969,867
DAVENPORT AND FLAGSTAFF SMELTERS	02	\$ 1,155,000	2009	84092	1.080	\$ 1,246,875	1.338	\$ 1,668,197
DIAMOND HEAD OIL REFINERY DIV.	01	\$ 8,592,672	2009	07032	0.848	\$ 7,288,427	1.338	\$ 9,751,206
HOPEWELL PRECISION	01	\$ 1,280,572	2009	12533	0.872	\$ 1,116,095	1.338	\$ 1,493,226
MANY DIVERSIFIED INTERESTS, INC.	03	\$ 2,251,239	2009	77020	1.080	\$ 2,430,315	1.338	\$ 3,251,525
MONTROSE CHEMICAL CORP.	05	\$ 23,045,298	2009	90502	0.922	\$ 21,255,372	1.338	\$ 28,437,619
OMAHA LEAD	02	\$ 2,055,368	2009	68102	1.056	\$ 2,169,555	1.338	\$ 2,902,654
RALEIGH STREET DUMP	01	\$ 4,388,172	2009	33619	1.092	\$ 4,791,682	1.338	\$ 6,410,804
RIVERFRONT	04	\$ 2,078,060	2009	63068	0.931	\$ 1,935,448	1.338	\$ 2,589,441
SIGMON'S SEPTIC TANK SERVICE	02	\$ 1,130,284	2009	28677	1.397	\$ 1,579,073	1.338	\$ 2,112,646
SONFORD PRODUCTS	01	\$ 2,710,036	2009	39208	1.267	\$ 3,432,712	1.338	\$ 4,592,635
TULSA FUEL AND MANUFACTURING	01	\$ 4,685,002	2008	74021	1.188	\$ 5,563,440	1.380	\$ 7,675,240
WATSON JOHNSON LANDFILL	01	\$ 3,299,610	2009	18951	0.896	\$ 2,957,198	1.338	\$ 3,956,443
COPLEY SQUARE PLAZA	00	\$ 823,897	2009	44321	0.969	\$ 798,676	1.338	\$ 1,068,550
LIBBY ASBESTOS SITE	01	\$ 315,000	2010	59923	1.118	\$ 352,059	1.303	\$ 458,590
LIBBY ASBESTOS SITE	02	\$ 275,000	2010	59923	1.118	\$ 307,353	1.303	\$ 400,356
NEWTON COUNTY MINE TAILINGS	02	\$ 665,085	2010	64844	1.105	\$ 734,687	1.303	\$ 956,999
POHATCONG VALLEY GROUND WATER CONTAMINATION	02	\$ 4,538,934	2010	07882	0.856	\$ 3,884,673	1.303	\$ 5,060,155
VALMONT TCE SITE (FORMER - VALMONT INDUSTRIAL PARK)	01	\$ 2,746,244	2010	18201	0.990	\$ 2,717,637	1.303	\$ 3,539,980

Reference USEPA RI/FS Costs by Operable Unit¹

Site Name	Operable Unit	Total Original RI/FS Cost	Year RI/FS Completed	Zip Code	Location Adjustment ²	Location-Adjusted RI/FS Cost	Time Adjustment ³	Time- and Location- Adjusted RI/FS Cost
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Notes:

1. National Priorities List (NPL) sites with a completed RI/FS between 1982 and 2010, provided by USEPA on 2/9/2011.
2. ENR Construction Cost Index, June 2020.
3. Geographic Location Adjustment, Azimuth Group, Ltd., Environmental Cost Handling Options and Solutions (ECHOS), 2006.

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX B-3

Inflation Index Values

Nathan Associates

Inflation Index Values

Sources:

- 1 ENR CCI Index values from June 2020 BEN Model Indices sheet. Available at:
<https://www.epa.gov/enforcement/penalty-and-financial-models>
- 2 ENR CCI Index values from USDA Prices and Indices workbook. Available at:
<https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/technical/econ/prices/>
- 3 Forecasted CCI Index values using average of CBO and OMB forecasts of Consumer Price Index; methodology from June 2020 BEN Model Indices sheet.
- 4 Pre-1988 CCI values obtained from:
https://www.enr.com/economics/historical_indices/construction_cost_annual_average

Year	Month	CCI	Source		Average CCI	Multiplier	Source
1987	Jul-87	4404	1	1982	3825.000	2.998	4
1987	Aug-87	4443	1	1983	4066.000	2.820	4
1987	Sep-87	4456	1	1984	4146.000	2.766	4
1987	Oct-87	4459	1	1985	4195.000	2.733	4
1987	Nov-87	4453	1	1986	4295.000	2.670	4
1987	Dec-87	4478	1	1987	4406.000	2.602	4
1988	Jan-88	4470	1	1988	4519.417	2.537	
1988	Feb-88	4473	1	1989	4614.667	2.485	
1988	Mar-88	4484	1	1990	4731.917	2.423	
1988	Apr-88	4489	1	1991	4835.083	2.371	
1988	May-88	4493	1	1992	4984.833	2.300	
1988	Jun-88	4525	1	1993	5210.417	2.201	
1988	Jul-88	4532	1	1994	5407.583	2.120	
1988	Aug-88	4542	1	1995	5471.167	2.096	
1988	Sep-88	4535	1	1996	5622.167	2.039	
1988	Oct-88	4555	1	1997	5825.083	1.968	
1988	Nov-88	4567	1	1998	5920.417	1.937	
1988	Dec-88	4568	1	1999	6062.000	1.891	
1989	Jan-89	4580	1	2000	6221.167	1.843	
1989	Feb-89	4573	1	2001	6342.083	1.808	
1989	Mar-89	4574	1	2002	6538.000	1.754	
1989	Apr-89	4577	1	2003	6694.583	1.713	
1989	May-89	4578	1	2004	7115.053	1.612	
1989	Jun-89	4599	1	2005	7445.978	1.540	
1989	Jul-89	4608	1	2006	7751.203	1.479	
1989	Aug-89	4618	1	2007	7966.948	1.439	
1989	Sep-89	4658	1	2008	8311.138	1.380	
1989	Oct-89	4658	1	2009	8570.073	1.338	
1989	Nov-89	4668	1	2010	8802.371	1.303	
1989	Dec-89	4685	1	2011	9069.848	1.264	
1990	Jan-90	4680	1	2012	9305.597	1.232	
1990	Feb-90	4685	1	2013	9546.623	1.201	
1990	Mar-90	4691	1	2014	9806.517	1.169	
1990	Apr-90	4693	1	2015	10035.562	1.143	
1990	May-90	4707	1	2016	10338.250	1.109	
1990	Jun-90	4732	1	2017	10736.333	1.068	
1990	Jul-90	4734	1	2018	11061.833	1.037	
1990	Aug-90	4752	1	2019	11281.333	1.016	
1990	Sep-90	4774	1	2020	11465.923	1.000	
1990	Oct-90	4771	1				
1990	Nov-90	4787	1				
1990	Dec-90	4777	1				
1991	Jan-91	4777	1				
1991	Feb-91	4773	1				
1991	Mar-91	4772	1				
1991	Apr-91	4766	1				
1991	May-91	4801	1				
1991	Jun-91	4818	1				
1991	Jul-91	4854	1				

Inflation Index Values

Year	Month	CCI	Source	Average CCI	Multiplier	Source
1991	Aug-91	4892	1			
1991	Sep-91	4891	1			
1991	Oct-91	4892	1			
1991	Nov-91	4896	1			
1991	Dec-91	4889	1			
1992	Jan-92	4888	1			
1992	Feb-92	4884	1			
1992	Mar-92	4927	1			
1992	Apr-92	4946	1			
1992	May-92	4965	1			
1992	Jun-92	4973	1			
1992	Jul-92	4992	1			
1992	Aug-92	5032	1			
1992	Sep-92	5042	1			
1992	Oct-92	5052	1			
1992	Nov-92	5058	1			
1992	Dec-92	5059	1			
1993	Jan-93	5071	1			
1993	Feb-93	5070	1			
1993	Mar-93	5106	1			
1993	Apr-93	5167	1			
1993	May-93	5262	1			
1993	Jun-93	5260	1			
1993	Jul-93	5252	1			
1993	Aug-93	5230	1			
1993	Sep-93	5255	1			
1993	Oct-93	5264	1			
1993	Nov-93	5278	1			
1993	Dec-93	5310	1			
1994	Jan-94	5336	1			
1994	Feb-94	5371	1			
1994	Mar-94	5381	1			
1994	Apr-94	5405	1			
1994	May-94	5405	1			
1994	Jun-94	5408	1			
1994	Jul-94	5409	1			
1994	Aug-94	5424	1			
1994	Sep-94	5437	1			
1994	Oct-94	5437	1			
1994	Nov-94	5439	1			
1994	Dec-94	5439	1			
1995	Jan-95	5443	1			
1995	Feb-95	5444	1			
1995	Mar-95	5435	1			
1995	Apr-95	5432	1			
1995	May-95	5433	1			
1995	Jun-95	5432	1			
1995	Jul-95	5484	1			
1995	Aug-95	5506	1			
1995	Sep-95	5491	1			
1995	Oct-95	5511	1			
1995	Nov-95	5519	1			
1995	Dec-95	5524	1			
1996	Jan-96	5523	1			
1996	Feb-96	5532	1			
1996	Mar-96	5537	1			
1996	Apr-96	5550	1			
1996	May-96	5572	1			
1996	Jun-96	5597	1			
1996	Jul-96	5617	1			
1996	Aug-96	5652	1			

Inflation Index Values

Year	Month	CCI	Source	Average CCI	Multiplier	Source
1996	Sep-96	5683	1			
1996	Oct-96	5719	1			
1996	Nov-96	5740	1			
1996	Dec-96	5744	1			
1997	Jan-97	5765	1			
1997	Feb-97	5769	1			
1997	Mar-97	5759	1			
1997	Apr-97	5799	1			
1997	May-97	5837	1			
1997	Jun-97	5860	1			
1997	Jul-97	5863	1			
1997	Aug-97	5854	1			
1997	Sep-97	5851	1			
1997	Oct-97	5848	1			
1997	Nov-97	5838	1			
1997	Dec-97	5858	1			
1998	Jan-98	5852	1			
1998	Feb-98	5874	1			
1998	Mar-98	5875	1			
1998	Apr-98	5883	1			
1998	May-98	5881	1			
1998	Jun-98	5895	1			
1998	Jul-98	5921	1			
1998	Aug-98	5929	1			
1998	Sep-98	5963	1			
1998	Oct-98	5986	1			
1998	Nov-98	5995	1			
1998	Dec-98	5991	1			
1999	Jan-99	6000	1			
1999	Feb-99	5992	1			
1999	Mar-99	5986	1			
1999	Apr-99	6008	1			
1999	May-99	6006	1			
1999	Jun-99	6069	1			
1999	Jul-99	6076	1			
1999	Aug-99	6091	1			
1999	Sep-99	6128	1			
1999	Oct-99	6134	1			
1999	Nov-99	6127	1			
1999	Dec-99	6127	1			
2000	Jan-00	6130	1			
2000	Feb-00	6160	1			
2000	Mar-00	6202	1			
2000	Apr-00	6201	1			
2000	May-00	6233	1			
2000	Jun-00	6238	1			
2000	Jul-00	6225	1			
2000	Aug-00	6233	1			
2000	Sep-00	6224	1			
2000	Oct-00	6259	1			
2000	Nov-00	6266	1			
2000	Dec-00	6283	1			
2001	Jan-01	6281	1			
2001	Feb-01	6272	1			
2001	Mar-01	6279	1			
2001	Apr-01	6286	1			
2001	May-01	6288	1			
2001	Jun-01	6318	1			
2001	Jul-01	6404	1			
2001	Aug-01	6389	1			
2001	Sep-01	6391	1			

Inflation Index Values

Year	Month	CCI	Source	Average CCI	Multiplier	Source
2001	Oct-01	6397	1			
2001	Nov-01	6410	1			
2001	Dec-01	6390	1			
2002	Jan-02	6462	1			
2002	Feb-02	6462	1			
2002	Mar-02	6502	1			
2002	Apr-02	6480	1			
2002	May-02	6512	1			
2002	Jun-02	6532	1			
2002	Jul-02	6605	1			
2002	Aug-02	6592	1			
2002	Sep-02	6589	1			
2002	Oct-02	6579	1			
2002	Nov-02	6578	1			
2002	Dec-02	6563	1			
2003	Jan-03	6581	1			
2003	Feb-03	6640	1			
2003	Mar-03	6627	1			
2003	Apr-03	6635	1			
2003	May-03	6642	1			
2003	Jun-03	6694	1			
2003	Jul-03	6695	1			
2003	Aug-03	6733	1			
2003	Sep-03	6741	1			
2003	Oct-03	6771	1			
2003	Nov-03	6794	1			
2003	Dec-03	6782	1			
2004	Jan-04	6825	1			
2004	Feb-04	6862	1			
2004	Mar-04	6957	1			
2004	Apr-04	7017	1			
2004	May-04	7065	1			
2004	Jun-04	7109	1			
2004	Jul-04	7125.96	1			
2004	Aug-04	7187.62	1			
2004	Sep-04	7298.25	1			
2004	Oct-04	7313.88	1			
2004	Nov-04	7311.63	1			
2004	Dec-04	7308.30	1			
2005	Jan-05	7297.24	1			
2005	Feb-05	7297.58	1			
2005	Mar-05	7308.75	1			
2005	Apr-05	7355.38	1			
2005	May-05	7398.03	1			
2005	Jun-05	7414.97	1			
2005	Jul-05	7421.57	1			
2005	Aug-05	7478.51	1			
2005	Sep-05	7540.38	1			
2005	Oct-05	7562.50	1			
2005	Nov-05	7629.95	1			
2005	Dec-05	7646.87	1			
2006	Jan-06	7660.29	1			
2006	Feb-06	7688.90	1			
2006	Mar-06	7691.72	1			
2006	Apr-06	7695.10	1			
2006	May-06	7690.72	1			
2006	Jun-06	7699.59	1			
2006	Jul-06	7721.34	1			
2006	Aug-06	7722.66	1			
2006	Sep-06	7763.15	1			
2006	Oct-06	7882.53	1			

Inflation Index Values

Year	Month	CCI	Source	Average CCI	Multiplier	Source
2006	Nov-06	7910.81	1			
2006	Dec-06	7887.62	1			
2007	Jan-07	7879.58	1			
2007	Feb-07	7879.54	1			
2007	Mar-07	7856.27	1			
2007	Apr-07	7864.70	1			
2007	May-07	7942.00	1			
2007	Jun-07	7938.58	1			
2007	Jul-07	7959.17	1			
2007	Aug-07	8007.48	1			
2007	Sep-07	8049.65	1			
2007	Oct-07	8045.14	1			
2007	Nov-07	8091.81	1			
2007	Dec-07	8089.45	1			
2008	Jan-08	8090.06	1			
2008	Feb-08	8094.28	1			
2008	Mar-08	8109.00	1			
2008	Apr-08	8126.30	1			
2008	May-08	8140.61	1			
2008	Jun-08	8184.94	1			
2008	Jul-08	8293.05	1			
2008	Aug-08	8361.74	1			
2008	Sep-08	8557	1			
2008	Oct-08	8623.22	1			
2008	Nov-08	8602.45	1			
2008	Dec-08	8551	1			
2009	Jan-09	8549	1			
2009	Feb-09	8532.73	1			
2009	Mar-09	8534.05	1			
2009	Apr-09	8528	1			
2009	May-09	8573.87	1			
2009	Jun-09	8578.28	1			
2009	Jul-09	8566.14	1			
2009	Aug-09	8563.80	1			
2009	Sep-09	8586	1			
2009	Oct-09	8596	1			
2009	Nov-09	8592	1			
2009	Dec-09	8641	1			
2010	Jan-10	8660.08	1			
2010	Feb-10	8672	1			
2010	Mar-10	8671.07	1			
2010	Apr-10	8676.68	1			
2010	May-10	8761.47	1			
2010	Jun-10	8804.79	1			
2010	Jul-10	8864.72	1			
2010	Aug-10	8858	1			
2010	Sep-10	8836	1			
2010	Oct-10	8921	1			
2010	Nov-10	8950.64	1			
2010	Dec-10	8952	1			
2011	Jan-11	8938	1			
2011	Feb-11	8998	1			
2011	Mar-11	9010.80	1			
2011	Apr-11	9027.23	1			
2011	May-11	9035	1			
2011	Jun-11	9053	1			
2011	Jul-11	9080.15	1			
2011	Aug-11	9088	1			
2011	Sep-11	9116	1			
2011	Oct-11	9147	1			
2011	Nov-11	9173	1			

Inflation Index Values

Year	Month	CCI	Source	Average CCI	Multiplier	Source
2011	Dec-11	9172	1			
2012	Jan-12	9176	1			
2012	Feb-12	9168	1			
2012	Mar-12	9268	1			
2012	Apr-12	9273	1			
2012	May-12	9289.65	1			
2012	Jun-12	9291	1			
2012	Jul-12	9324	1			
2012	Aug-12	9350.99	1			
2012	Sep-12	9341	1			
2012	Oct-12	9375.52	1			
2012	Nov-12	9398	1			
2012	Dec-12	9412	1			
2013	Jan-13	9437.27	1			
2013	Feb-13	9453	1			
2013	Mar-13	9456	1			
2013	Apr-13	9484	1			
2013	May-13	9515.86	1			
2013	Jun-13	9542	1			
2013	Jul-13	9552	1			
2013	Aug-13	9545	1			
2013	Sep-13	9551.58	1			
2013	Oct-13	9689	1			
2013	Nov-13	9666	1			
2013	Dec-13	9667.77	1			
2014	Jan-14	9664.45	1			
2014	Feb-14	9681	1			
2014	Mar-14	9702	1			
2014	Apr-14	9750	1			
2014	May-14	9796	1			
2014	Jun-14	9800	1			
2014	Jul-14	9834.63	1			
2014	Aug-14	9846	1			
2014	Sep-14	9870.12	1			
2014	Oct-14	9886	1			
2014	Nov-14	9912	1			
2014	Dec-14	9936	1			
2015	Jan-15	9971.96	1			
2015	Feb-15	9962	1			
2015	Mar-15	9972	1			
2015	Apr-15	9992	1			
2015	May-15	9979	1			
2015	Jun-15	10036.38	1			
2015	Jul-15	10037.40	1			
2015	Aug-15	10039	1			
2015	Sep-15	10065	1			
2015	Oct-15	10128	1			
2015	Nov-15	10092	1			
2015	Dec-15	10152	1			
2016	Jan-16	10132	1			
2016	Feb-16	10181	1			
2016	Mar-16	10242	1			
2016	Apr-16	10279	1			
2016	May-16	10315	1			
2016	Jun-16	10337	1			
2016	Jul-16	10379	1			
2016	Aug-16	10385	1			
2016	Sep-16	10403	1			
2016	Oct-16	10434	1			
2016	Nov-16	10442	1			
2016	Dec-16	10530	1			

Inflation Index Values

Year	Month	CCI	Source	Average CCI	Multiplier	Source
2017	Jan-17	10542	1			
2017	Feb-17	10558	1			
2017	Mar-17	10667	1			
2017	Apr-17	10678	1			
2017	May-17	10692	1			
2017	Jun-17	10702	1			
2017	Jul-17	10789	1			
2017	Aug-17	10826	1			
2017	Sep-17	10822	1			
2017	Oct-17	10817	1			
2017	Nov-17	10870	1			
2017	Dec-17	10873	1			
2018	Jan-18	10878	1			
2018	Feb-18	10889	1			
2018	Mar-18	10959	1			
2018	Apr-18	10971	1			
2018	May-18	11013	1			
2018	Jun-18	11069	1			
2018	Jul-18	11116	1			
2018	Aug-18	11124	1			
2018	Sep-18	11170	1			
2018	Oct-18	11183	1			
2018	Nov-18	11184	1			
2018	Dec-18	11186	1			
2019	Jan-19	11206	1			
2019	Feb-19	11213	1			
2019	Mar-19	11228	1			
2019	Apr-19	11228	1			
2019	May-19	11230	1			
2019	Jun-19	11268	1			
2019	Jul-19	11293	1			
2019	Aug-19	11311	1			
2019	Sep-19	11311	1			
2019	Oct-19	11326	1			
2019	Nov-19	11381	1			
2019	Dec-19	11381	1			
2020	Jan-20	11392	1			
2020	Feb-20	11396	2			
2020	Mar-20	11397	2			
2020	Apr-20	11413	2			
2020	May-20	11418	2			
2020	Jun-20	11441	3			
2020	Jul-20	11464	3			
2020	Aug-20	11487	3			
2020	Sep-20	11511	3			
2020	Oct-20	11534	3			
2020	Nov-20	11557	3			
2020	Dec-20	11581	3			
2021	Jan-21	11604	3			
2021	Feb-21	11627	3			
2021	Mar-21	11651	3			
2021	Apr-21	11674	3			
2021	May-21	11698	3			
2021	Jun-21	11722	3			
2021	Jul-21	11745	3			
2021	Aug-21	11769	3			
2021	Sep-21	11793	3			
2021	Oct-21	11816	3			
2021	Nov-21	11840	3			
2021	Dec-21	11864	3			
2022	Jan-22	11888	3			

Inflation Index Values

Year	Month	CCI	Source	Average CCI	Multiplier	Source
2022	Feb-22	11911	3			
2022	Mar-22	11935	3			
2022	Apr-22	11958	3			
2022	May-22	11982	3			
2022	Jun-22	12006	3			
2022	Jul-22	12030	3			
2022	Aug-22	12053	3			
2022	Sep-22	12077	3			
2022	Oct-22	12101	3			
2022	Nov-22	12125	3			
2022	Dec-22	12149	3			
2023	Jan-23	12173	3			
2023	Feb-23	12197	3			
2023	Mar-23	12221	3			
2023	Apr-23	12245	3			
2023	May-23	12270	3			
2023	Jun-23	12294	3			
2023	Jul-23	12318	3			
2023	Aug-23	12343	3			
2023	Sep-23	12367	3			
2023	Oct-23	12391	3			
2023	Nov-23	12416	3			
2023	Dec-23	12441	3			
2024	Jan-24	12465	3			
2024	Feb-24	12489	3			
2024	Mar-24	12513	3			
2024	Apr-24	12537	3			
2024	May-24	12562	3			
2024	Jun-24	12586	3			
2024	Jul-24	12610	3			
2024	Aug-24	12635	3			
2024	Sep-24	12659	3			
2024	Oct-24	12684	3			
2024	Nov-24	12708	3			
2024	Dec-24	12733	3			
2025	Jan-25	12757	3			
2025	Feb-25	12781	3			
2025	Mar-25	12806	3			
2025	Apr-25	12830	3			
2025	May-25	12854	3			
2025	Jun-25	12879	3			
2025	Jul-25	12903	3			
2025	Aug-25	12927	3			
2025	Sep-25	12952	3			
2025	Oct-25	12976	3			
2025	Nov-25	13001	3			
2025	Dec-25	13026	3			
2026	Jan-26	13050	3			
2026	Feb-26	13075	3			
2026	Mar-26	13100	3			
2026	Apr-26	13125	3			
2026	May-26	13150	3			
2026	Jun-26	13175	3			
2026	Jul-26	13200	3			
2026	Aug-26	13225	3			
2026	Sep-26	13250	3			
2026	Oct-26	13275	3			
2026	Nov-26	13300	3			
2026	Dec-26	13325	3			
2027	Jan-27	13351	3			
2027	Feb-27	13376	3			

Inflation Index Values

Year	Month	CCI	Source	Average CCI	Multiplier	Source
2027	Mar-27	13401	3			
2027	Apr-27	13427	3			
2027	May-27	13452	3			
2027	Jun-27	13478	3			
2027	Jul-27	13503	3			
2027	Aug-27	13529	3			
2027	Sep-27	13555	3			
2027	Oct-27	13580	3			
2027	Nov-27	13606	3			
2027	Dec-27	13632	3			
2028	Jan-28	13658	3			
2028	Feb-28	13684	3			
2028	Mar-28	13710	3			
2028	Apr-28	13736	3			
2028	May-28	13762	3			
2028	Jun-28	13788	3			
2028	Jul-28	13814	3			
2028	Aug-28	13840	3			
2028	Sep-28	13866	3			
2028	Oct-28	13893	3			
2028	Nov-28	13919	3			
2028	Dec-28	13945	3			
2029	Jan-29	13972	3			
2029	Feb-29	13999	3			
2029	Mar-29	14027	3			
2029	Apr-29	14054	3			
2029	May-29	14081	3			
2029	Jun-29	14108	3			
2029	Jul-29	14136	3			
2029	Aug-29	14163	3			
2029	Sep-29	14190	3			
2029	Oct-29	14218	3			
2029	Nov-29	14245	3			
2029	Dec-29	14273	3			
2030	Jan-30	14301	3			
2030	Feb-30	14328	3			
2030	Mar-30	14356	3			
2030	Apr-30	14384	3			
2030	May-30	14412	3			
2030	Jun-30	14440	3			
2030	Jul-30	14468	3			
2030	Aug-30	14496	3			
2030	Sep-30	14524	3			
2030	Oct-30	14552	3			
2030	Nov-30	14580	3			
2030	Dec-30	14609	3			
2031	Jan-31	14637	3			
2031	Feb-31	14665	3			
2031	Mar-31	14694	3			
2031	Apr-31	14722	3			
2031	May-31	14751	3			
2031	Jun-31	14779	3			
2031	Jul-31	14808	3			
2031	Aug-31	14836	3			
2031	Sep-31	14865	3			
2031	Oct-31	14894	3			
2031	Nov-31	14923	3			
2031	Dec-31	14952	3			
2032	Jan-32	14981	3			
2032	Feb-32	15010	3			
2032	Mar-32	15039	3			

Inflation Index Values

Year	Month	CCI	Source	Average CCI	Multiplier	Source
2032	Apr-32	15068	3			
2032	May-32	15097	3			
2032	Jun-32	15126	3			
2032	Jul-32	15156	3			
2032	Aug-32	15185	3			
2032	Sep-32	15215	3			
2032	Oct-32	15244	3			
2032	Nov-32	15274	3			
2032	Dec-32	15303	3			
2033	Jan-33	15333	3			
2033	Feb-33	15363	3			
2033	Mar-33	15392	3			
2033	Apr-33	15422	3			
2033	May-33	15452	3			
2033	Jun-33	15482	3			
2033	Jul-33	15512	3			
2033	Aug-33	15542	3			
2033	Sep-33	15572	3			
2033	Oct-33	15602	3			
2033	Nov-33	15633	3			
2033	Dec-33	15663	3			
2034	Jan-34	15693	3			
2034	Feb-34	15724	3			
2034	Mar-34	15754	3			
2034	Apr-34	15785	3			
2034	May-34	15815	3			
2034	Jun-34	15846	3			
2034	Jul-34	15876	3			
2034	Aug-34	15907	3			
2034	Sep-34	15938	3			
2034	Oct-34	15969	3			
2034	Nov-34	16000	3			
2034	Dec-34	16031	3			
2035	Jan-35	16062	3			
2035	Feb-35	16093	3			
2035	Mar-35	16124	3			
2035	Apr-35	16155	3			
2035	May-35	16187	3			
2035	Jun-35	16218	3			
2035	Jul-35	16250	3			
2035	Aug-35	16281	3			
2035	Sep-35	16313	3			
2035	Oct-35	16344	3			
2035	Nov-35	16376	3			
2035	Dec-35	16408	3			
2036	Jan-36	16439	3			
2036	Feb-36	16471	3			
2036	Mar-36	16503	3			
2036	Apr-36	16535	3			
2036	May-36	16567	3			
2036	Jun-36	16599	3			
2036	Jul-36	16631	3			
2036	Aug-36	16664	3			
2036	Sep-36	16696	3			
2036	Oct-36	16728	3			
2036	Nov-36	16761	3			
2036	Dec-36	16793	3			
2037	Jan-37	16826	3			
2037	Feb-37	16858	3			
2037	Mar-37	16891	3			
2037	Apr-37	16924	3			

Inflation Index Values

Year	Month	CCI	Source	Average CCI	Multiplier	Source
2037	May-37	16957	3			
2037	Jun-37	16989	3			
2037	Jul-37	17022	3			
2037	Aug-37	17055	3			
2037	Sep-37	17088	3			
2037	Oct-37	17121	3			
2037	Nov-37	17155	3			
2037	Dec-37	17188	3			
2038	Jan-38	17221	3			
2038	Feb-38	17254	3			
2038	Mar-38	17288	3			
2038	Apr-38	17321	3			
2038	May-38	17355	3			
2038	Jun-38	17389	3			
2038	Jul-38	17422	3			
2038	Aug-38	17456	3			
2038	Sep-38	17490	3			
2038	Oct-38	17524	3			
2038	Nov-38	17558	3			
2038	Dec-38	17592	3			
2039	Jan-39	17626	3			
2039	Feb-39	17660	3			
2039	Mar-39	17694	3			
2039	Apr-39	17728	3			
2039	May-39	17763	3			
2039	Jun-39	17797	3			
2039	Jul-39	17832	3			
2039	Aug-39	17866	3			
2039	Sep-39	17901	3			
2039	Oct-39	17936	3			
2039	Nov-39	17970	3			
2039	Dec-39	18005	3			
2040	Jan-40	18040	3			
2040	Feb-40	18075	3			
2040	Mar-40	18110	3			
2040	Apr-40	18145	3			
2040	May-40	18180	3			
2040	Jun-40	18215	3			
2040	Jul-40	18251	3			
2040	Aug-40	18286	3			
2040	Sep-40	18322	3			
2040	Oct-40	18357	3			
2040	Nov-40	18393	3			
2040	Dec-40	18428	3			
2041	Jan-41	18464	3			
2041	Feb-41	18500	3			
2041	Mar-41	18536	3			
2041	Apr-41	18572	3			
2041	May-41	18607	3			
2041	Jun-41	18644	3			
2041	Jul-41	18680	3			
2041	Aug-41	18716	3			
2041	Sep-41	18752	3			
2041	Oct-41	18788	3			
2041	Nov-41	18825	3			
2041	Dec-41	18861	3			
2042	Jan-42	18898	3			
2042	Feb-42	18934	3			
2042	Mar-42	18971	3			
2042	Apr-42	19008	3			
2042	May-42	19045	3			

Inflation Index Values

Year	Month	CCI	Source	Average CCI	Multiplier	Source
2042	Jun-42	19082	3			
2042	Jul-42	19119	3			
2042	Aug-42	19156	3			
2042	Sep-42	19193	3			
2042	Oct-42	19230	3			
2042	Nov-42	19267	3			
2042	Dec-42	19305	3			
2043	Jan-43	19342	3			
2043	Feb-43	19379	3			
2043	Mar-43	19417	3			
2043	Apr-43	19455	3			
2043	May-43	19492	3			
2043	Jun-43	19530	3			
2043	Jul-43	19568	3			
2043	Aug-43	19606	3			
2043	Sep-43	19644	3			
2043	Oct-43	19682	3			
2043	Nov-43	19720	3			
2043	Dec-43	19758	3			
2044	Jan-44	19797	3			
2044	Feb-44	19835	3			
2044	Mar-44	19873	3			
2044	Apr-44	19912	3			
2044	May-44	19950	3			
2044	Jun-44	19989	3			
2044	Jul-44	20028	3			
2044	Aug-44	20067	3			
2044	Sep-44	20105	3			
2044	Oct-44	20144	3			
2044	Nov-44	20183	3			
2044	Dec-44	20223	3			
2045	Jan-45	20262	3			
2045	Feb-45	20301	3			
2045	Mar-45	20340	3			
2045	Apr-45	20380	3			
2045	May-45	20419	3			
2045	Jun-45	20459	3			
2045	Jul-45	20498	3			
2045	Aug-45	20538	3			
2045	Sep-45	20578	3			
2045	Oct-45	20618	3			
2045	Nov-45	20658	3			
2045	Dec-45	20698	3			
2046	Jan-46	20738	3			
2046	Feb-46	20778	3			
2046	Mar-46	20818	3			
2046	Apr-46	20859	3			
2046	May-46	20899	3			
2046	Jun-46	20940	3			
2046	Jul-46	20980	3			
2046	Aug-46	21021	3			
2046	Sep-46	21062	3			
2046	Oct-46	21102	3			
2046	Nov-46	21143	3			
2046	Dec-46	21184	3			

Note: Entries in italics are projected values using the future inflation rate.

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX B-4

Location Adjustment Values

Nathan Associates

Location Adjustment Values

Source: 2006 ECHOS

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
995	AK	1.250	0.760	AK	1.256	0.756
996	AK	1.250	0.760	AL	0.799	1.188
997	AK	1.250	0.760	AR	0.754	1.259
998	AK	1.240	0.766	AZ	0.856	1.109
999	AK	1.290	0.736	CA	1.077	0.882
350	AL	0.870	1.092	CO	0.930	1.022
351	AL	0.870	1.092	CT	1.089	0.872
352	AL	0.870	1.092	DC	0.980	0.969
354	AL	0.780	1.218	DE	1.017	0.934
355	AL	0.770	1.234	FL	0.839	1.132
356	AL	0.780	1.218	GA	0.809	1.175
357	AL	0.860	1.105	HI	1.250	0.760
358	AL	0.860	1.105	IA	0.863	1.100
359	AL	0.800	1.188	ID	0.893	1.064
360	AL	0.790	1.203	IL	1.021	0.931
361	AL	0.790	1.203	IN	0.921	1.032
362	AL	0.740	1.284	KS	0.854	1.112
363	AL	0.750	1.267	KY	0.822	1.156
364	AL	0.750	1.267	LA	0.819	1.160
365	AL	0.810	1.173	MA	1.088	0.873
366	AL	0.810	1.173	MD	0.877	1.083
367	AL	0.760	1.250	ME	0.875	1.085
368	AL	0.780	1.218	MI	0.940	1.011
369	AL	0.750	1.267	MN	1.036	0.917
716	AR	0.800	1.188	MO	0.935	1.016
717	AR	0.690	1.377	MS	0.729	1.303
718	AR	0.720	1.319	MT	0.877	1.083
719	AR	0.680	1.397	NC	0.745	1.276
720	AR	0.810	1.173	ND	0.833	1.140
721	AR	0.810	1.173	NE	0.806	1.178
722	AR	0.810	1.173	NJ	1.097	0.866
723	AR	0.760	1.250	NJ	1.097	0.866
724	AR	0.770	1.234	NM	0.877	1.083
725	AR	0.730	1.301	NV	0.980	0.969
726	AR	0.740	1.284	NY	1.086	0.875
727	AR	0.720	1.319	OH	0.942	1.008
728	AR	0.730	1.301	OK	0.793	1.198
729	AR	0.790	1.203	OR	1.013	0.938
850	AZ	0.880	1.080	PA	0.980	0.969
852	AZ	0.850	1.118	PR	0.870	1.092
853	AZ	0.880	1.080	RI	1.055	0.900
855	AZ	0.840	1.131	SC	0.743	1.279
856	AZ	0.860	1.105	SD	0.785	1.210
857	AZ	0.860	1.105	TN	0.817	1.163
859	AZ	0.850	1.118	TX	0.782	1.216
860	AZ	0.880	1.080	UT	0.858	1.108
863	AZ	0.840	1.131	VA	0.821	1.156
864	AZ	0.840	1.131	VT	0.787	1.208
865	AZ	0.840	1.131	WA	0.999	0.951
900	CA	1.070	0.888	WI	0.978	0.972
901	CA	1.070	0.888	WV	0.945	1.005
902	CA	1.070	0.888	WY	0.791	1.201
903	CA	1.030	0.922			
904	CA	1.030	0.922			
905	CA	1.030	0.922			
906	CA	1.040	0.913			
907	CA	1.040	0.913			
908	CA	1.040	0.913			
910	CA	1.040	0.913			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
911	CA	1.040	0.913			
912	CA	1.040	0.913			
913	CA	1.060	0.896			
914	CA	1.060	0.896			
915	CA	1.060	0.896			
916	CA	1.060	0.896			
917	CA	1.050	0.905			
918	CA	1.050	0.905			
919	CA	1.040	0.913			
920	CA	1.040	0.913			
921	CA	1.040	0.913			
922	CA	1.030	0.922			
923	CA	1.020	0.931			
924	CA	1.020	0.931			
925	CA	1.050	0.905			
926	CA	1.030	0.922			
927	CA	1.030	0.922			
928	CA	1.060	0.896			
930	CA	1.070	0.888			
931	CA	1.060	0.896			
932	CA	1.040	0.913			
933	CA	1.040	0.913			
934	CA	1.050	0.905			
935	CA	1.020	0.931			
936	CA	1.070	0.888			
937	CA	1.070	0.888			
938	CA	1.070	0.888			
939	CA	1.100	0.864			
940	CA	1.220	0.779			
941	CA	1.220	0.779			
942	CA	1.090	0.872			
943	CA	1.150	0.826			
944	CA	1.170	0.812			
945	CA	1.130	0.841			
946	CA	1.180	0.805			
947	CA	1.170	0.812			
948	CA	1.170	0.812			
949	CA	1.160	0.819			
950	CA	1.130	0.841			
951	CA	1.160	0.819			
952	CA	1.080	0.880			
953	CA	1.070	0.888			
954	CA	1.120	0.848			
955	CA	1.040	0.913			
956	CA	1.090	0.872			
957	CA	1.090	0.872			
958	CA	1.090	0.872			
959	CA	1.080	0.880			
960	CA	1.080	0.880			
961	CA	1.080	0.880			
800	CO	0.960	0.990			
801	CO	0.960	0.990			
802	CO	0.960	0.990			
803	CO	0.930	1.022			
804	CO	0.940	1.011			
805	CO	0.930	1.022			
806	CO	0.860	1.105			
807	CO	0.930	1.022			
808	CO	0.940	1.011			
809	CO	0.940	1.011			
810	CO	0.930	1.022			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
811	CO	0.920	1.033			
812	CO	0.920	1.033			
813	CO	0.930	1.022			
814	CO	0.910	1.044			
815	CO	0.920	1.033			
816	CO	0.930	1.022			
060	CT	1.080	0.880			
061	CT	1.090	0.872			
062	CT	1.090	0.872			
063	CT	1.070	0.888			
064	CT	1.080	0.880			
065	CT	1.090	0.872			
066	CT	1.090	0.872			
067	CT	1.090	0.872			
068	CT	1.090	0.872			
069	CT	1.120	0.848			
200	DC	0.980	0.969			
201	DC	0.980	0.969			
202	DC	0.980	0.969			
203	DC	0.980	0.969			
204	DC	0.980	0.969			
205	DC	0.980	0.969			
197	DE	1.020	0.931			
198	DE	1.010	0.941			
199	DE	1.020	0.931			
320	FL	0.810	1.173			
321	FL	0.870	1.092			
322	FL	0.810	1.173			
323	FL	0.760	1.250			
324	FL	0.720	1.319			
325	FL	0.810	1.173			
326	FL	0.810	1.173			
327	FL	0.860	1.105			
328	FL	0.860	1.105			
329	FL	0.910	1.044			
330	FL	0.870	1.092			
331	FL	0.870	1.092			
332	FL	0.870	1.092			
333	FL	0.860	1.105			
334	FL	0.830	1.145			
335	FL	0.870	1.092			
336	FL	0.870	1.092			
337	FL	0.810	1.173			
338	FL	0.860	1.105			
339	FL	0.820	1.159			
340	FL	0.870	1.092			
341	FL	0.820	1.159			
342	FL	0.840	1.131			
344	FL	0.810	1.173			
346	FL	0.870	1.092			
347	FL	0.860	1.105			
349	FL	0.830	1.145			
300	GA	0.890	1.067			
301	GA	0.890	1.067			
302	GA	0.890	1.067			
303	GA	0.890	1.067			
304	GA	0.730	1.301			
305	GA	0.780	1.218			
306	GA	0.810	1.173			
307	GA	0.760	1.250			
308	GA	0.790	1.203			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
309	GA	0.790	1.203			
310	GA	0.790	1.203			
311	GA	0.790	1.203			
312	GA	0.790	1.203			
313	GA	0.800	1.188			
314	GA	0.800	1.188			
315	GA	0.760	1.250			
316	GA	0.750	1.267			
317	GA	0.790	1.203			
318	GA	0.810	1.173			
319	GA	0.810	1.173			
398	GA	0.790	1.203			
399	GA	0.890	1.067			
967	HI	1.190	0.798			
968	HI	1.230	0.772			
969	HI	1.330	0.714			
500	IA	0.910	1.044			
501	IA	0.910	1.044			
502	IA	0.910	1.044			
503	IA	0.910	1.044			
504	IA	0.810	1.173			
505	IA	0.790	1.203			
506	IA	0.820	1.159			
507	IA	0.820	1.159			
508	IA	0.830	1.145			
509	IA	0.910	1.044			
510	IA	0.880	1.080			
511	IA	0.880	1.080			
512	IA	0.770	1.234			
513	IA	0.770	1.234			
514	IA	0.780	1.218			
515	IA	0.890	1.067			
516	IA	0.770	1.234			
520	IA	0.890	1.067			
521	IA	0.770	1.234			
522	IA	0.930	1.022			
523	IA	0.930	1.022			
524	IA	0.930	1.022			
525	IA	0.850	1.118			
526	IA	0.870	1.092			
527	IA	0.960	0.990			
528	IA	0.960	0.990			
832	ID	0.900	1.056			
833	ID	0.820	1.159			
834	ID	0.810	1.173			
835	ID	0.970	0.979			
836	ID	0.910	1.044			
837	ID	0.910	1.044			
838	ID	0.930	1.022			
600	IL	1.110	0.856			
601	IL	1.110	0.856			
602	IL	1.110	0.856			
603	IL	1.110	0.856			
604	IL	1.080	0.880			
605	IL	1.110	0.856			
606	IL	1.120	0.848			
607	IL	1.120	0.848			
608	IL	1.120	0.848			
609	IL	0.990	0.960			
610	IL	1.020	0.931			
611	IL	1.020	0.931			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
612	IL	0.960	0.990			
613	IL	0.990	0.960			
614	IL	0.980	0.969			
615	IL	0.990	0.960			
616	IL	0.990	0.960			
617	IL	0.970	0.979			
618	IL	1.000	0.950			
619	IL	1.000	0.950			
620	IL	0.980	0.969			
621	IL	0.980	0.969			
622	IL	0.980	0.969			
623	IL	0.950	1.000			
624	IL	0.960	0.990			
625	IL	0.990	0.960			
626	IL	0.980	0.969			
627	IL	0.980	0.969			
628	IL	0.970	0.979			
629	IL	0.950	1.000			
460	IN	0.900	1.056			
461	IN	0.940	1.011			
462	IN	0.940	1.011			
463	IN	1.000	0.950			
464	IN	1.000	0.950			
465	IN	0.920	1.033			
466	IN	0.920	1.033			
467	IN	0.900	1.056			
468	IN	0.900	1.056			
469	IN	0.900	1.056			
470	IN	0.880	1.080			
471	IN	0.870	1.092			
472	IN	0.910	1.044			
473	IN	0.900	1.056			
474	IN	0.920	1.033			
475	IN	0.920	1.033			
476	IN	0.930	1.022			
477	IN	0.930	1.022			
478	IN	0.930	1.022			
479	IN	0.900	1.056			
660	KS	0.980	0.969			
661	KS	0.980	0.969			
662	KS	0.980	0.969			
664	KS	0.860	1.105			
665	KS	0.860	1.105			
666	KS	0.860	1.105			
667	KS	0.860	1.105			
668	KS	0.800	1.188			
669	KS	0.830	1.145			
670	KS	0.850	1.118			
671	KS	0.850	1.118			
672	KS	0.850	1.118			
673	KS	0.850	1.118			
674	KS	0.830	1.145			
675	KS	0.750	1.267			
676	KS	0.850	1.118			
677	KS	0.790	1.203			
678	KS	0.860	1.105			
679	KS	0.740	1.284			
400	KY	0.920	1.033			
401	KY	0.920	1.033			
402	KY	0.920	1.033			
403	KY	0.820	1.159			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
404	KY	0.820	1.159			
405	KY	0.820	1.159			
406	KY	0.830	1.145			
407	KY	0.710	1.338			
408	KY	0.710	1.338			
409	KY	0.710	1.338			
410	KY	0.930	1.022			
411	KY	0.940	1.011			
412	KY	0.940	1.011			
413	KY	0.720	1.319			
414	KY	0.720	1.319			
415	KY	0.800	1.188			
416	KY	0.800	1.188			
417	KY	0.710	1.338			
418	KY	0.710	1.338			
420	KY	0.900	1.056			
421	KY	0.890	1.067			
422	KY	0.890	1.067			
423	KY	0.850	1.118			
424	KY	0.910	1.044			
425	KY	0.710	1.338			
426	KY	0.710	1.338			
427	KY	0.880	1.080			
700	LA	0.860	1.105			
701	LA	0.860	1.105			
703	LA	0.840	1.131			
704	LA	0.810	1.173			
705	LA	0.820	1.159			
706	LA	0.830	1.145			
707	LA	0.820	1.159			
708	LA	0.820	1.159			
710	LA	0.800	1.188			
711	LA	0.800	1.188			
712	LA	0.790	1.203			
713	LA	0.800	1.188			
714	LA	0.800	1.188			
010	MA	1.030	0.922			
011	MA	1.030	0.922			
012	MA	1.010	0.941			
013	MA	1.010	0.941			
014	MA	1.070	0.888			
015	MA	1.090	0.872			
016	MA	1.090	0.872			
017	MA	1.080	0.880			
018	MA	1.110	0.856			
019	MA	1.110	0.856			
020	MA	1.160	0.819			
021	MA	1.160	0.819			
022	MA	1.160	0.819			
023	MA	1.100	0.864			
024	MA	1.160	0.819			
025	MA	1.060	0.896			
026	MA	1.070	0.888			
027	MA	1.090	0.872			
206	MD	0.870	1.092			
207	MD	0.910	1.044			
208	MD	0.910	1.044			
209	MD	0.890	1.067			
210	MD	0.930	1.022			
211	MD	0.930	1.022			
212	MD	0.930	1.022			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
214	MD	0.900	1.056			
215	MD	0.890	1.067			
216	MD	0.740	1.284			
217	MD	0.900	1.056			
218	MD	0.780	1.218			
219	MD	0.820	1.159			
039	ME	0.860	1.105			
040	ME	0.900	1.056			
041	ME	0.900	1.056			
042	ME	0.900	1.056			
043	ME	0.870	1.092			
044	ME	0.900	1.056			
045	ME	0.860	1.105			
046	ME	0.860	1.105			
047	ME	0.870	1.092			
048	ME	0.850	1.118			
049	ME	0.860	1.105			
480	MI	1.010	0.941			
481	MI	1.010	0.941			
482	MI	1.070	0.888			
483	MI	1.010	0.941			
484	MI	0.980	0.969			
485	MI	0.980	0.969			
486	MI	0.950	1.000			
487	MI	0.950	1.000			
488	MI	0.960	0.990			
489	MI	0.960	0.990			
490	MI	0.920	1.033			
491	MI	0.910	1.044			
492	MI	0.930	1.022			
493	MI	0.840	1.131			
494	MI	0.900	1.056			
495	MI	0.840	1.131			
496	MI	0.840	1.131			
497	MI	0.870	1.092			
498	MI	0.930	1.022			
499	MI	0.930	1.022			
550	MN	1.110	0.856			
551	MN	1.110	0.856			
553	MN	1.120	0.848			
554	MN	1.120	0.848			
555	MN	1.120	0.848			
556	MN	1.060	0.896			
557	MN	1.060	0.896			
558	MN	1.060	0.896			
559	MN	1.030	0.922			
560	MN	1.010	0.941			
561	MN	0.880	1.080			
562	MN	0.910	1.044			
563	MN	1.080	0.880			
564	MN	1.000	0.950			
565	MN	0.990	0.960			
566	MN	0.990	0.960			
567	MN	0.960	0.990			
630	MO	1.020	0.931			
631	MO	1.020	0.931			
633	MO	0.960	0.990			
634	MO	0.910	1.044			
635	MO	0.890	1.067			
636	MO	0.970	0.979			
637	MO	0.950	1.000			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
638	MO	0.890	1.067			
639	MO	0.890	1.067			
640	MO	1.030	0.922			
641	MO	1.030	0.922			
644	MO	0.970	0.979			
645	MO	0.970	0.979			
646	MO	0.850	1.118			
647	MO	0.990	0.960			
648	MO	0.860	1.105			
650	MO	0.930	1.022			
651	MO	0.930	1.022			
652	MO	0.950	1.000			
653	MO	0.910	1.044			
654	MO	0.880	1.080			
655	MO	0.880	1.080			
656	MO	0.900	1.056			
657	MO	0.900	1.056			
658	MO	0.900	1.056			
386	MS	0.670	1.418			
387	MS	0.750	1.267			
388	MS	0.710	1.338			
389	MS	0.690	1.377			
390	MS	0.750	1.267			
391	MS	0.750	1.267			
392	MS	0.750	1.267			
393	MS	0.740	1.284			
394	MS	0.690	1.377			
395	MS	0.790	1.203			
396	MS	0.760	1.250			
397	MS	0.700	1.357			
590	MT	0.900	1.056			
591	MT	0.900	1.056			
592	MT	0.870	1.092			
593	MT	0.860	1.105			
594	MT	0.900	1.056			
595	MT	0.860	1.105			
596	MT	0.890	1.067			
597	MT	0.880	1.080			
598	MT	0.860	1.105			
599	MT	0.850	1.118			
270	NC	0.770	1.234			
271	NC	0.770	1.234			
272	NC	0.770	1.234			
273	NC	0.770	1.234			
274	NC	0.770	1.234			
275	NC	0.770	1.234			
276	NC	0.770	1.234			
277	NC	0.770	1.234			
278	NC	0.690	1.377			
279	NC	0.700	1.357			
280	NC	0.760	1.250			
281	NC	0.760	1.250			
282	NC	0.760	1.250			
283	NC	0.760	1.250			
284	NC	0.760	1.250			
285	NC	0.680	1.397			
286	NC	0.680	1.397			
287	NC	0.750	1.267			
288	NC	0.750	1.267			
289	NC	0.680	1.397			
580	ND	0.850	1.118			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
581	ND	0.850	1.118			
582	ND	0.820	1.159			
583	ND	0.830	1.145			
584	ND	0.790	1.203			
585	ND	0.850	1.118			
586	ND	0.830	1.145			
587	ND	0.860	1.105			
588	ND	0.820	1.159			
680	NE	0.900	1.056			
681	NE	0.900	1.056			
683	NE	0.840	1.131			
684	NE	0.840	1.131			
685	NE	0.840	1.131			
686	NE	0.750	1.267			
687	NE	0.810	1.173			
688	NE	0.830	1.145			
689	NE	0.790	1.203			
690	NE	0.750	1.267			
691	NE	0.800	1.188			
692	NE	0.720	1.319			
693	NE	0.710	1.338			
030	NH	0.930	1.022			
031	NH	0.930	1.022			
032	NH	0.910	1.044			
033	NH	0.910	1.044			
034	NH	0.770	1.234			
035	NH	0.810	1.173			
036	NH	0.750	1.267			
037	NH	0.750	1.267			
038	NH	0.890	1.067			
070	NJ	1.120	0.848			
071	NJ	1.120	0.848			
072	NJ	1.110	0.856			
073	NJ	1.110	0.856			
074	NJ	1.120	0.848			
075	NJ	1.120	0.848			
076	NJ	1.110	0.856			
077	NJ	1.110	0.856			
078	NJ	1.110	0.856			
079	NJ	1.100	0.864			
080	NJ	1.060	0.896			
081	NJ	1.070	0.888			
082	NJ	1.060	0.896			
083	NJ	1.060	0.896			
084	NJ	1.060	0.896			
085	NJ	1.100	0.864			
086	NJ	1.100	0.864			
087	NJ	1.100	0.864			
088	NJ	1.100	0.864			
089	NJ	1.100	0.864			
870	NM	0.890	1.067			
871	NM	0.890	1.067			
872	NM	0.890	1.067			
873	NM	0.880	1.080			
874	NM	0.890	1.067			
875	NM	0.880	1.080			
877	NM	0.880	1.080			
878	NM	0.880	1.080			
879	NM	0.850	1.118			
880	NM	0.830	1.145			
881	NM	0.870	1.092			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
882	NM	0.880	1.080			
883	NM	0.890	1.067			
884	NM	0.880	1.080			
889	NV	1.020	0.931			
890	NV	1.020	0.931			
891	NV	1.020	0.931			
893	NV	0.900	1.056			
894	NV	0.990	0.960			
895	NV	0.990	0.960			
897	NV	0.980	0.969			
898	NV	0.920	1.033			
100	NY	1.320	0.720			
101	NY	1.320	0.720			
102	NY	1.320	0.720			
103	NY	1.270	0.748			
104	NY	1.260	0.754			
105	NY	1.170	0.812			
106	NY	1.170	0.812			
107	NY	1.200	0.792			
108	NY	1.170	0.812			
109	NY	1.120	0.848			
110	NY	1.270	0.748			
111	NY	1.280	0.742			
112	NY	1.280	0.742			
113	NY	1.280	0.742			
114	NY	1.270	0.748			
115	NY	1.230	0.772			
116	NY	1.280	0.742			
117	NY	1.230	0.772			
118	NY	1.230	0.772			
119	NY	1.230	0.772			
120	NY	0.970	0.979			
121	NY	0.970	0.979			
122	NY	0.970	0.979			
123	NY	0.970	0.979			
124	NY	1.080	0.880			
125	NY	1.090	0.872			
126	NY	1.090	0.872			
127	NY	1.090	0.872			
128	NY	0.920	1.033			
129	NY	0.930	1.022			
130	NY	0.970	0.979			
131	NY	0.970	0.979			
132	NY	0.970	0.979			
133	NY	0.940	1.011			
134	NY	0.940	1.011			
135	NY	0.940	1.011			
136	NY	0.940	1.011			
137	NY	0.940	1.011			
138	NY	0.940	1.011			
139	NY	0.940	1.011			
140	NY	1.020	0.931			
141	NY	1.020	0.931			
142	NY	1.020	0.931			
143	NY	1.010	0.941			
144	NY	1.000	0.950			
145	NY	1.000	0.950			
146	NY	1.000	0.950			
147	NY	0.930	1.022			
148	NY	0.910	1.044			
149	NY	0.910	1.044			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
430	OH	0.940	1.011			
431	OH	0.940	1.011			
432	OH	0.940	1.011			
433	OH	0.920	1.033			
434	OH	0.990	0.960			
435	OH	0.990	0.960			
436	OH	0.990	0.960			
437	OH	0.910	1.044			
438	OH	0.910	1.044			
439	OH	0.950	1.000			
440	OH	0.970	0.979			
441	OH	1.000	0.950			
442	OH	0.980	0.969			
443	OH	0.980	0.969			
444	OH	0.950	1.000			
445	OH	0.950	1.000			
446	OH	0.930	1.022			
447	OH	0.930	1.022			
448	OH	0.940	1.011			
449	OH	0.940	1.011			
450	OH	0.920	1.033			
451	OH	0.930	1.022			
452	OH	0.930	1.022			
453	OH	0.910	1.044			
454	OH	0.910	1.044			
455	OH	0.920	1.033			
456	OH	0.940	1.011			
457	OH	0.890	1.067			
458	OH	0.930	1.022			
730	OK	0.830	1.145			
731	OK	0.830	1.145			
734	OK	0.810	1.173			
735	OK	0.830	1.145			
736	OK	0.810	1.173			
737	OK	0.810	1.173			
738	OK	0.800	1.188			
739	OK	0.680	1.397			
740	OK	0.800	1.188			
741	OK	0.800	1.188			
743	OK	0.820	1.159			
744	OK	0.730	1.301			
745	OK	0.760	1.250			
746	OK	0.790	1.203			
747	OK	0.790	1.203			
748	OK	0.790	1.203			
749	OK	0.800	1.188			
970	OR	1.030	0.922			
971	OR	1.030	0.922			
972	OR	1.030	0.922			
973	OR	1.030	0.922			
974	OR	1.020	0.931			
975	OR	1.020	0.931			
976	OR	1.020	0.931			
977	OR	1.020	0.931			
978	OR	0.990	0.960			
979	OR	0.940	1.011			
150	PA	1.000	0.950			
151	PA	1.000	0.950			
152	PA	1.000	0.950			
153	PA	0.980	0.969			
154	PA	0.970	0.979			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
155	PA	0.940	1.011			
156	PA	0.980	0.969			
157	PA	0.970	0.979			
158	PA	0.960	0.990			
159	PA	0.960	0.990			
160	PA	0.970	0.979			
161	PA	0.960	0.990			
162	PA	0.980	0.969			
163	PA	0.950	1.000			
164	PA	0.950	1.000			
165	PA	0.950	1.000			
166	PA	0.940	1.011			
167	PA	0.960	0.990			
168	PA	0.950	1.000			
169	PA	0.950	1.000			
170	PA	0.970	0.979			
171	PA	0.970	0.979			
172	PA	0.930	1.022			
173	PA	0.960	0.990			
174	PA	0.960	0.990			
175	PA	0.930	1.022			
176	PA	0.930	1.022			
177	PA	0.880	1.080			
178	PA	0.950	1.000			
179	PA	0.940	1.011			
180	PA	1.040	0.913			
181	PA	1.020	0.931			
182	PA	0.960	0.990			
183	PA	0.980	0.969			
184	PA	0.980	0.969			
185	PA	0.980	0.969			
186	PA	0.950	1.000			
187	PA	0.950	1.000			
188	PA	0.950	1.000			
189	PA	1.060	0.896			
190	PA	1.140	0.833			
191	PA	1.140	0.833			
193	PA	1.090	0.872			
194	PA	1.100	0.864			
195	PA	1.000	0.950			
196	PA	1.000	0.950			
009	PR	0.870	1.092			
028	RI	1.050	0.905			
029	RI	1.060	0.896			
290	SC	0.750	1.267			
291	SC	0.750	1.267			
292	SC	0.750	1.267			
293	SC	0.740	1.284			
294	SC	0.750	1.267			
295	SC	0.730	1.301			
296	SC	0.730	1.301			
297	SC	0.680	1.397			
298	SC	0.850	1.118			
299	SC	0.700	1.357			
570	SD	0.810	1.173			
571	SD	0.810	1.173			
572	SD	0.770	1.234			
573	SD	0.760	1.250			
574	SD	0.790	1.203			
575	SD	0.790	1.203			
576	SD	0.770	1.234			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
577	SD	0.780	1.218			
370	TN	0.870	1.092			
371	TN	0.870	1.092			
372	TN	0.870	1.092			
373	TN	0.790	1.203			
374	TN	0.790	1.203			
375	TN	0.880	1.080			
376	TN	0.790	1.203			
377	TN	0.780	1.218			
378	TN	0.780	1.218			
379	TN	0.780	1.218			
380	TN	0.880	1.080			
381	TN	0.880	1.080			
382	TN	0.800	1.188			
383	TN	0.780	1.218			
384	TN	0.770	1.234			
385	TN	0.760	1.250			
750	TX	0.790	1.203			
751	TX	0.790	1.203			
752	TX	0.840	1.131			
753	TX	0.840	1.131			
754	TX	0.720	1.319			
755	TX	0.780	1.218			
756	TX	0.730	1.301			
757	TX	0.790	1.203			
758	TX	0.710	1.338			
759	TX	0.730	1.301			
760	TX	0.810	1.173			
761	TX	0.810	1.173			
762	TX	0.770	1.234			
763	TX	0.800	1.188			
764	TX	0.720	1.319			
765	TX	0.750	1.267			
766	TX	0.790	1.203			
767	TX	0.790	1.203			
768	TX	0.710	1.338			
769	TX	0.750	1.267			
770	TX	0.880	1.080			
771	TX	0.880	1.080			
772	TX	0.880	1.080			
773	TX	0.720	1.319			
774	TX	0.750	1.267			
775	TX	0.850	1.118			
776	TX	0.820	1.159			
777	TX	0.820	1.159			
778	TX	0.810	1.173			
779	TX	0.760	1.250			
780	TX	0.760	1.250			
781	TX	0.820	1.159			
782	TX	0.820	1.159			
783	TX	0.780	1.218			
784	TX	0.780	1.218			
785	TX	0.750	1.267			
786	TX	0.800	1.188			
787	TX	0.800	1.188			
788	TX	0.680	1.397			
789	TX	0.710	1.338			
790	TX	0.800	1.188			
791	TX	0.800	1.188			
792	TX	0.770	1.234			
793	TX	0.790	1.203			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
794	TX	0.790	1.203			
795	TX	0.770	1.234			
796	TX	0.770	1.234			
797	TX	0.770	1.234			
798	TX	0.770	1.234			
799	TX	0.770	1.234			
885	TX	0.770	1.234			
840	UT	0.880	1.080			
841	UT	0.880	1.080			
842	UT	0.860	1.105			
843	UT	0.860	1.105			
844	UT	0.860	1.105			
845	UT	0.780	1.218			
846	UT	0.870	1.092			
847	UT	0.870	1.092			
220	VA	0.910	1.044			
221	VA	0.910	1.044			
222	VA	0.910	1.044			
223	VA	0.930	1.022			
224	VA	0.850	1.118			
225	VA	0.850	1.118			
226	VA	0.790	1.203			
227	VA	0.790	1.203			
228	VA	0.760	1.250			
229	VA	0.820	1.159			
230	VA	0.850	1.118			
231	VA	0.850	1.118			
232	VA	0.850	1.118			
233	VA	0.850	1.118			
234	VA	0.850	1.118			
235	VA	0.850	1.118			
236	VA	0.840	1.131			
237	VA	0.840	1.131			
238	VA	0.850	1.118			
239	VA	0.730	1.301			
240	VA	0.770	1.234			
241	VA	0.770	1.234			
242	VA	0.760	1.250			
243	VA	0.730	1.301			
244	VA	0.750	1.267			
245	VA	0.780	1.218			
246	VA	0.740	1.284			
050	VT	0.750	1.267			
051	VT	0.760	1.250			
052	VT	0.760	1.250			
053	VT	0.760	1.250			
054	VT	0.850	1.118			
056	VT	0.830	1.145			
057	VT	0.840	1.131			
058	VT	0.770	1.234			
059	VT	0.760	1.250			
980	WA	1.040	0.913			
981	WA	1.040	0.913			
982	WA	1.020	0.931			
983	WA	1.030	0.922			
984	WA	1.030	0.922			
985	WA	1.020	0.931			
986	WA	1.020	0.931			
987	WA	1.040	0.913			
988	WA	0.960	0.990			
989	WA	0.980	0.969			

Location Adjustment Values

3-digit zip	State	Localiation	Multiplier	State	Average	Multiplier
990	WA	0.960	0.990			
991	WA	0.960	0.990			
992	WA	0.960	0.990			
993	WA	0.970	0.979			
994	WA	0.950	1.000			
530	WI	1.020	0.931			
531	WI	1.000	0.950			
532	WI	1.020	0.931			
534	WI	1.000	0.950			
535	WI	0.980	0.969			
537	WI	0.980	0.969			
538	WI	0.950	1.000			
539	WI	0.960	0.990			
540	WI	0.970	0.979			
541	WI	0.980	0.969			
542	WI	0.980	0.969			
543	WI	0.980	0.969			
544	WI	0.950	1.000			
545	WI	0.960	0.990			
546	WI	0.960	0.990			
547	WI	0.970	0.979			
548	WI	0.990	0.960			
549	WI	0.950	1.000			
247	WV	0.890	1.067			
248	WV	0.890	1.067			
249	WV	0.920	1.033			
250	WV	0.960	0.990			
251	WV	0.960	0.990			
252	WV	0.960	0.990			
253	WV	0.960	0.990			
254	WV	0.900	1.056			
255	WV	0.970	0.979			
256	WV	0.970	0.979			
257	WV	0.970	0.979			
258	WV	0.930	1.022			
259	WV	0.930	1.022			
260	WV	0.970	0.979			
261	WV	0.960	0.990			
262	WV	0.960	0.990			
263	WV	0.960	0.990			
264	WV	0.960	0.990			
265	WV	0.960	0.990			
266	WV	0.950	1.000			
267	WV	0.930	1.022			
268	WV	0.940	1.011			
820	WY	0.810	1.173			
821	WY	0.780	1.218			
822	WY	0.790	1.203			
823	WY	0.790	1.203			
824	WY	0.770	1.234			
825	WY	0.780	1.218			
826	WY	0.810	1.173			
827	WY	0.780	1.218			
828	WY	0.810	1.173			
829	WY	0.790	1.203			
830	WY	0.790	1.203			
831	WY	0.790	1.203			

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX C

Invoice Database

Nathan Associates

Invoice Database													
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
												Amount	
239	Cardno ENTRIX	1/23/2005	0021274	71331010	Crab Orchard	\$ 47,728.44	RI/FS and NRDA Project Direction	CONWR_AUS_GDOTSCOSTS_006042 - 006043	Professional Personnel, Reimbursable Expenses, Additional Fees	\$ 47,728.44	\$ 47,728.44	\$ 47,728.44	CONWR_AUS_GDOTSCOSTS_006044 - 006044
235	Cardno ENTRIX	9/30/2005	0020089	71331010	Crab Orchard	\$ 6,825.00	RI/FS and NRDA Project Direction	CONWR_AUS_GDOTSCOSTS_006033 - 006033	Professional personnel, additional fees	\$ 6,825.00	\$ 6,825.00	\$ 6,825.00	CONWR_AUS_GDOTSCOSTS_006034 - 006034
236	Cardno ENTRIX	10/19/2005	0020253	71331010	Crab Orchard	\$ 4,555.67	RI/FS and NRDA Project Direction	CONWR_AUS_GDOTSCOSTS_006036 - 006036	Professional Personnel, Reimbursable Expenses, Additional Fees	\$ 4,555.67	\$ 4,555.67	\$ 4,555.67	CONWR_AUS_GDOTSCOSTS_006037 - 006037
237	Cardno ENTRIX	11/30/2005	0020681	71331010	Crab Orchard	\$ 2,990.00	RI/FS and NRDA Project Direction	CONWR_AUS_GDOTSCOSTS_006038 - 006038	Professional Personnel, Additional Fees	\$ 2,990.00	\$ 2,990.00	\$ 2,990.00	CONWR_AUS_GDOTSCOSTS_006039 - 006039
238	Cardno ENTRIX	12/12/2005	0020832	71331010	Crab Orchard	\$ 3,250.00	RI/FS and NRDA Project Direction	CONWR_AUS_GDOTSCOSTS_006040 - 006040	Professional Personnel, Additional Fees	\$ 3,250.00	\$ 3,250.00	\$ 3,250.00	CONWR_AUS_GDOTSCOSTS_006041 - 006041
240	Cardno ENTRIX	2/17/2006	0021590	71331010	Crab Orchard	\$ 61,307.35	RI/FS and NRDA Project Direction	CONWR_AUS_GDOTSCOSTS_006045 - 006046	Professional Personnel, Reimbursable Expenses, Additional Fees	\$ 61,307.35	\$ 61,307.35	\$ 61,307.35	CONWR_AUS_GDOTSCOSTS_006047 - 006047
241	Cardno ENTRIX	3/21/2006	0021891	71331010	Crab Orchard	\$ 38,817.67	RI/FS and NRDA Project Direction	CONWR_AUS_GDOTSCOSTS_006048 - 006049	Professional Personnel, Reimbursable Expenses, Additional Fees	\$ 38,817.67	\$ 38,817.67	\$ 38,817.67	CONWR_AUS_GDOTSCOSTS_006050 - 006050
242	Cardno ENTRIX	4/24/2006	0022403	71331010	Crab Orchard	\$ 39,425.10	RI/FS and NRDA Project Direction	CONWR_AUS_GDOTSCOSTS_006051 - 006051	Professional Personnel, Additional Fees	\$ 39,425.10	\$ 39,425.10	\$ 39,425.10	CONWR_AUS_GDOTSCOSTS_006052 - 006052
243	Cardno ENTRIX	5/17/2006	0022752	71331010	Crab Orchard	\$ 33,036.20	RI/FS and NRDA Project Direction	CONWR_AUS_GDOTSCOSTS_006053 - 006054	Professional Personnel, Reimbursable Expenses, Additional Fees	\$ 33,036.20	\$ 33,036.20	\$ 33,036.20	CONWR_AUS_GDOTSCOSTS_006055 - 006055
244	Cardno ENTRIX	6/13/2006	0023228	71331010	Crab Orchard	\$ 63,793.48	RI/FS and NRDA Project Direction	CONWR_AUS_GDOTSCOSTS_006056 - 006057	Professional Personnel, Reimbursable Expenses, Additional Fees	\$ 63,793.48	\$ 63,793.48	\$ 63,793.48	CONWR_AUS_GDOTSCOSTS_006058 - 006059
245	Cardno ENTRIX	7/28/2006	0023792	71331010	Crab Orchard	\$ 57,532.93	RI/FS and NRDA Project Direction	CONWR_AUS_GDOTSCOSTS_006060 - 006061	Professional Personnel, Reimbursable Expenses, Additional Fees	\$ 57,532.93	\$ 57,532.93	\$ 57,532.93	CONWR_AUS_GDOTSCOSTS_006062 - 006063
246	Cardno ENTRIX	8/7/2006	0023899	7163101	Crab Orchard	\$ 120,899.23	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_006064 - 006185	Project Management, Meetings, Mobilization and Demobilization, Surface Water & Sediment Sampling (multiple Sites), Data Validation	\$ 120,899.23	\$ 120,899.23	\$ 120,899.23	CONWR_AUS_GDOTSCOSTS_006186 - 006186
247	Cardno ENTRIX	8/24/2006	0024282	7163101	Crab Orchard	\$ 60,331.79	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_006187 - 006333	Project Management, Risk Assessment Support, Surface & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation	\$ 60,331.79	\$ 60,331.79	\$ 60,331.79	CONWR_AUS_GDOTSCOSTS_006334 - 006334
248	Cardno ENTRIX	9/13/2006	0024517	7163101	Crab Orchard	\$ 55,266.50	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_006335 - 006371	Project Management, Meetings, Contingency, Risk Assessment Support, Mobilization and Demobilization, Receipt of Lab Results (multiple Sites), Surface Water & Sediment Sampling (multiple Sites), Data Validation	\$ 55,266.50	\$ 55,266.50	\$ 55,266.50	CONWR_AUS_GDOTSCOSTS_006372 - 006372
249	Cardno ENTRIX	10/20/2006	0025185	7163101	Crab Orchard	\$ 146,918.23	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_006373 - 006442	Project Management, Meetings, Contingency, Risk Assessment Support, Mobilization and Demobilization, Surface Water & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation	\$ 146,918.23	\$ 146,918.23	\$ 146,918.23	CONWR_AUS_GDOTSCOSTS_006443 - 006444; CONWR_AUS_GDOTSCOSTS_006445 - 006445
250	Cardno ENTRIX	11/14/2006	0025582	7163101	Crab Orchard	\$ 222,177.58	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_006446 - 006556	Project Management, Meetings, Contingency, Risk Assessment Support, Surface Water & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation	\$ 222,177.58	\$ 222,177.58	\$ 222,177.58	CONWR_AUS_GDOTSCOSTS_006557 - 006557
251	Cardno ENTRIX	12/8/2006	0025868	7163101	Crab Orchard	\$ 232,176.87	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_006558 - 006638	Project Management, Meetings, Risk Assessment Support, Mobilization and Demobilization, Surface Water & Sediment Sampling (multiple sites), Receipt of Lab Results (multiple Sites), Data Validation	\$ 232,176.87	\$ 232,176.87	\$ 232,176.87	CONWR_AUS_GDOTSCOSTS_006639 - 006639
252	Cardno ENTRIX	1/16/2007	0026467	7163101	Crab Orchard	\$ 365,236.39	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_006640 - 006731	Project Management, Meetings, Contingency, Risk Assessment Support, Surface Water & Sediment Sampling (multiple sites), Receipt of Lab Results (multiple Sites), Data Validation	\$ 365,236.39	\$ 365,236.39	\$ 365,236.39	CONWR_AUS_GDOTSCOSTS_006732 - 006732
253	Cardno ENTRIX	2/20/2007	0027032	7163101	Crab Orchard	\$ 300,635.48	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_006733 - 006893	Project Management, Meetings, Contingency, Risk Assessment Support, Mobilization and Demobilization, Surface Water & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation	\$ 300,635.48	\$ 300,635.48	\$ 300,635.48	CONWR_AUS_GDOTSCOSTS_006894 - 006894
254	Cardno ENTRIX	3/16/2007	0027323	7163101	Crab Orchard	\$ 682,220.36	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_006895 - 007247	Project Management, Monthly Progress Data Rpts., Meetings, Risk Assessment Support, Mobilization and Demobilization, Surface Water & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation	\$ 682,220.36	\$ 682,220.36	\$ 682,220.36	CONWR_AUS_GDOTSCOSTS_007248 - 007248

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
													Amount	
	255	Cardno ENTRIX	4/16/2007	0027641	7163101	Crab Orchard	\$ 596,859.75	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_007249 - 007269	Project Management, Data Collection Summary, Meetings, Risk Assessment Support, Surface Water & Sediment Sampling (multiple Sites), Receipt of Lab Results (multiple Sites), Data Validation	\$ 596,859.75	\$ 596,859.75	\$ 596,859.75	CONWR_AUS_GDOTSCOSTS_007625 - 007626
	256	Cardno ENTRIX	5/18/2007	0028330	7163101	Crab Orchard	\$ 232,590.76	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_007627 - 007695	Project management, data collection summary, risk assessment support, receipt of lab results (multiple sites), surface water and sed sampling (multiple sites), data validation	\$ 232,590.76	\$ 232,590.76	\$ 232,590.76	CONWR_AUS_GDOTSCOSTS_007696 - 007697
	257	Cardno ENTRIX	6/7/2007	0028624	7163101	Crab Orchard	\$ 139,150.93	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_007698 - 007769	Project management, meetings, risk assessment support, surface water and sediment sampling (multiple sites), receipt of lab results (multiple sites), data validation	\$ 139,150.93	\$ 139,150.93	\$ 139,150.93	CONWR_AUS_GDOTSCOSTS_007770 - 007771
	258	Cardno ENTRIX	8/13/2007	0029578	7163101	Crab Orchard	\$ 82,074.59	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_007772 - 007817	Project management, data collection summary, risk assessment support, Stage 2-receipt lab results (multiple sites), data validation PHI-St 1, data valid. PHI-Stage 2 ENTRIX	\$ 82,074.59	\$ 82,074.59	\$ 82,074.59	CONWR_AUS_GDOTSCOSTS_007818 - 007818
	259	Cardno ENTRIX	8/27/2007	0029887	7163101	Crab Orchard	\$ 142,894.34	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_007819 - 007857	Project management, data collection summary, meetings, risk assessment support PHI-St 1, receipt of lab results (multiple sites), data validation PHI- St 1, data valid. PHI-Stage 2 ENTRIX	\$ 142,894.34	\$ 142,894.34	\$ 142,894.34	CONWR_AUS_GDOTSCOSTS_007858 - 007859
	261	Cardno ENTRIX	9/13/2007	0030106	7163101	Crab Orchard	\$ 36,045.49	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_007860 - 007872	Project management and data collection/validation	\$ 36,045.49	\$ 36,045.49	\$ 36,045.49	CONWR_AUS_GDOTSCOSTS_007873 - 007873
	260	Cardno ENTRIX	10/5/2007	[20071005]			\$ 0.07	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	[Rounding on wire]	\$ 0.07	\$ 0.07	\$ -	2020OLINCOS_0058810 - 0058892
	262	Cardno ENTRIX	10/26/2007	0030896	7163101	Crab Orchard	\$ 25,026.87	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_007874 - 007886	Project management, data collection and data validation	\$ 25,026.87	\$ 25,026.87	\$ 25,026.87	CONWR_AUS_GDOTSCOSTS_007887 - 007887
	263	Cardno ENTRIX	11/9/2007	0031102	7163101	Crab Orchard	\$ 73,270.91	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_007888 - 007941	Project management, data collection and receipt of lab results (multiple sites), meetings	\$ 73,270.91	\$ 73,270.91	\$ 73,270.91	CONWR_AUS_GDOTSCOSTS_007942 - 007942
	264	Cardno ENTRIX	12/14/2007	0031776	7163101	Crab Orchard	\$ 75,137.52	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_007943 - 007997	Project management, data collection summary, receipt of lab results (multiple sites), risk assessment support, mobilization and demobilization, meetings, data validation PHI-Stage 2	\$ 75,137.52	\$ 75,137.52	\$ 75,137.52	CONWR_AUS_GDOTSCOSTS_007998 - 007998
	265	Cardno ENTRIX	1/21/2008	0032297	7163101	Crab Orchard	\$ 244,513.98	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_007999 - 008173	Project management, monthly progress data rpts, data collection summary, mobilization and demobilization, Stage 2B-receipt lab results (multiple sites), data validation, risk assessment support, expenses	\$ 244,513.98	\$ 244,513.98	\$ 244,513.98	CONWR_AUS_GDOTSCOSTS_008174 - 008174
	266	Cardno ENTRIX	2/21/2008	0032892	7163101	Crab Orchard	\$ 78,367.26	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008175 - 008221	Project management, monthly progress data reports, data collection summary, meetings, risk assessment support, receipt of lab results and data validation (multiple sites)	\$ 78,367.26	\$ 78,367.26	\$ 78,367.26	CONWR_AUS_GDOTSCOSTS_008222 - 008222
	267	Cardno ENTRIX	3/17/2008	0033340	7163101	Crab Orchard	\$ 92,083.90	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008223 - 008248	Project management, data collection summary, meetings, risk assessment support, data validation	\$ 92,083.90	\$ 92,083.96	\$ 92,083.96	CONWR_AUS_GDOTSCOSTS_008249 - 008249
	268	Cardno ENTRIX	4/9/2008	0033566	7163101	Crab Orchard	\$ 25,280.11	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008250 - 008279	Project management, meetings	\$ 25,280.11	\$ 25,280.11	\$ 25,280.11	CONWR_AUS_GDOTSCOSTS_008280 - 008280
	269	Cardno ENTRIX	5/27/2008	0034885	7163101	Crab Orchard	\$ 28,322.01	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008281 - 008311	Project management, data collection summary, meetings, receipt of lab results (multiple sites), data validation	\$ 28,322.01	\$ 28,322.01	\$ 28,322.01	CONWR_AUS_GDOTSCOSTS_008312 - 008312
	270	Cardno ENTRIX	6/19/2008	0035858	7163101	Crab Orchard	\$ 34,088.42	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008313 - 008343	Project management, data collection summary, data validation, expenses	\$ 34,088.42	\$ 34,088.42	\$ 34,088.42	CONWR_AUS_GDOTSCOSTS_008344 - 008344
	271	Cardno ENTRIX	7/21/2008	0036898	7163101	Crab Orchard	\$ 8,279.76	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008345 - 008359	Project management, data collection summary, meetings, project management, data validation	\$ 8,279.76	\$ 8,279.76	\$ 8,279.76	CONWR_AUS_GDOTSCOSTS_008360 - 008360
	272	Cardno ENTRIX	8/15/2008	0037609	7163101	Crab Orchard	\$ 1,448.20	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008361 - 008370	Project management	\$ 1,448.20	\$ 1,448.20	\$ 1,448.20	CONWR_AUS_GDOTSCOSTS_008371 - 008371
	273	Cardno ENTRIX	9/29/2008	0039279	7163101	Crab Orchard	\$ 15,994.04	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008372 - 008382	Project management	\$ 15,994.04	\$ 15,994.04	\$ 15,994.04	CONWR_AUS_GDOTSCOSTS_008383 - 008383
	274	Cardno ENTRIX	10/22/2008	0040301	7163101	Crab Orchard	\$ 6,600.51	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008384 - 008401	Project management	\$ 6,600.51	\$ 6,600.51	\$ 6,600.51	CONWR_AUS_GDOTSCOSTS_008402 - 008402
	275	Cardno ENTRIX	11/21/2008	0042414	7163101	Crab Orchard	\$ 14,764.39	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008403 - 008424	Project management, receipt of lab results	\$ 14,764.39	\$ 14,764.39	\$ 14,764.39	CONWR_AUS_GDOTSCOSTS_008425 - 008425
	276	Cardno ENTRIX	12/16/2008	0042031	7163101	Crab Orchard	\$ 4,588.32	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008426 - 008440	Project management	\$ 4,588.32	\$ 4,588.32	\$ 4,588.32	CONWR_AUS_GDOTSCOSTS_008441 - 008441

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Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related		Payment Documentation Bates Number
												Amount	Amount	
277	Cardno ENTRIX	1/26/2009	0043121	7163101	Crab Orchard	\$ 3,796.22	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008442 - 008456	Project management	\$ 3,796.22	\$ 3,796.22	\$ 3,796.22		CONWR_AUS_GDOTSCOSTS_008457 - 008457
278	Cardno ENTRIX	2/12/2009	0043424	7163101	Crab Orchard	\$ 15,967.71	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008458 - 008476	Project management	\$ 15,967.71	\$ 15,967.71	\$ 15,967.71		CONWR_AUS_GDOTSCOSTS_008477 - 008477
279	Cardno ENTRIX	3/20/2009	0044870	7163101	Crab Orchard	\$ 117,510.94	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008478 - 008566	Project management, meetings, mobilization and demobilization, surface water & sediment sampling (multiple sites), data validation (Entrix)	\$ 117,510.94	\$ 117,510.94	\$ 117,510.94		CONWR_AUS_GDOTSCOSTS_008567 - 008567
280	Cardno ENTRIX	4/17/2009	0045362	7163101	Crab Orchard	\$ 140,539.78	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008568 - 008696	Project management, meetings, surface water & sediment sampling (multiple sites), receipt of lab results (multiple sites), data validation, DI water, organic free water, courier fees	\$ 140,539.78	\$ 140,539.78	\$ 140,539.78		CONWR_AUS_GDOTSCOSTS_008697 - 008697
281	Cardno ENTRIX	5/12/2009	0046075	7163101	Crab Orchard	\$ 185,663.44	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008698 - 008847	Project management, data reporting, surface water & sediment sampling (multiple sites), receipt of lab results (multiple sites), courier fees	\$ 185,663.44	\$ 185,663.44	\$ 185,663.44		CONWR_AUS_GDOTSCOSTS_008848 - 008848
282	Cardno ENTRIX	6/10/2009	0047024	7163101	Crab Orchard	\$ 128,630.41	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008849 - 008940	Project management, agency negotiations, surface water & sediment sampling (multiple sites), receipt of lab results (multiple sites), data validation (EcoChem), DI water	\$ 128,630.41	\$ 128,630.41	\$ 128,630.41		CONWR_AUS_GDOTSCOSTS_008941 - 008941
283	Cardno ENTRIX	7/8/2009	0047677	7163101	Crab Orchard	\$ 71,202.22	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008942 - 008993	Project management, risk assessment report, mobilization and demobilization, receipt of lab reports (multiple sites), data validation, DI water, organic free water, courier fees	\$ 71,202.22	\$ 71,202.22	\$ 71,202.22		CONWR_AUS_GDOTSCOSTS_008994 - 008994
284	Cardno ENTRIX	8/12/2009	0048727	7163101	Crab Orchard	\$ 91,503.90	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_008995 - 009060	Project management, risk assessment support, receipt of lab results (multiple sites), data validation (Entrix), data validation (EcoChem), DI water, courier fees	\$ 91,503.90	\$ 91,503.90	\$ 91,503.90		CONWR_AUS_GDOTSCOSTS_009061 - 009061
285	Cardno ENTRIX	9/10/2009	0049617	7163101	Crab Orchard	\$ 26,407.70	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009062 - 009086	Project management, risk assessment support, data validation, DI water	\$ 26,407.70	\$ 26,407.70	\$ 26,407.70		CONWR_AUS_GDOTSCOSTS_009087 - 009087
286	Cardno ENTRIX	10/8/2009	0050492	7163101	Crab Orchard	\$ 142,516.11	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009088 - 009107	Project management, risk assessment support, receipt of lab results (multiple sites), data validation, DI water	\$ 142,516.11	\$ 142,516.11	\$ 142,516.11		CONWR_AUS_GDOTSCOSTS_009108 - 009108
287	Cardno ENTRIX	11/11/2009	0051385	7163101	Crab Orchard	\$ 68,721.89	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009109 - 009156	Project management, risk assessment support, receipt of lab results (multiple sites), data validation, document storage	\$ 68,721.89	\$ 68,721.89	\$ 68,721.89		CONWR_AUS_GDOTSCOSTS_009157 - 009157
288	Cardno ENTRIX	12/3/2009	0052068	7163101	Crab Orchard	\$ 46,479.49	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009158 - 009170	Project management, risk assessment support, receipt of lab results (site 4W), data validation, DI water	\$ 46,479.49	\$ 46,479.49	\$ 46,479.49		CONWR_AUS_GDOTSCOSTS_009171 - 009171
289	Cardno ENTRIX	1/12/2010	0053145	7163101	Crab Orchard	\$ 129,127.86	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009172 - 009257	Project management, receipt of lab results (multiple sites), risk assessment support, data validation (Entrix, EcoChem), DI water	\$ 129,127.86	\$ 129,127.86	\$ 129,127.86		CONWR_AUS_GDOTSCOSTS_009258 - 009258
290	Cardno ENTRIX	2/12/2010	0054148	7163101	Crab Orchard	\$ 36,329.31	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009259 - 009282	Project management, risk assessment support, receipt of lab results (multiple sites), data validation (Entrix), DI water	\$ 36,329.31	\$ 36,329.31	\$ 36,329.31		CONWR_AUS_GDOTSCOSTS_009283 - 009283
291	Cardno ENTRIX	3/10/2010	0054774	7163101	Crab Orchard	\$ 33,488.29	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009284 - 009294	Project management, risk assessment support, receipt of lab results (Site 2P), data validation (Entrix)	\$ 33,488.29	\$ 33,488.29	\$ 33,488.29		CONWR_AUS_GDOTSCOSTS_009295 - 009295
292	Cardno ENTRIX	4/12/2010	0055917	7163101	Crab Orchard	\$ 50,617.98	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009296 - 009307	Project management, risk assessment support, data validation (Entrix and EcoChem)	\$ 50,617.98	\$ 50,617.98	\$ 50,617.98		CONWR_AUS_GDOTSCOSTS_009308 - 009308
293	Cardno ENTRIX	5/18/2010	0056861	7163101	Crab Orchard	\$ 34,896.53	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009309 - 009327	Project management, receipt of lab results (multiple sites), risk assessment support, data validation (Entrix)	\$ 34,896.53	\$ 34,896.53	\$ 34,896.53		CONWR_AUS_GDOTSCOSTS_009328 - 009328
294	Cardno ENTRIX	6/14/2010	0057586	7163101	Crab Orchard	\$ 17,697.10	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009329 - 009346	Project management, risk assessment support, receipt of lab results (multiple sites), data validation (Entrix), DI water	\$ 17,697.10	\$ 17,697.10	\$ 17,697.10		CONWR_AUS_GDOTSCOSTS_009347 - 009347
295	Cardno ENTRIX	7/2/2010	0058127	7163101	Crab Orchard	\$ 14,438.41	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009348 - 009362	Project management, risk assessment support, data validation (Entrix and EcoChem)	\$ 14,438.41	\$ 14,438.41	\$ 14,438.41		CONWR_AUS_GDOTSCOSTS_009363 - 009363
296	Cardno ENTRIX	9/22/2010	0060400	7163101	Crab Orchard	\$ 57,233.89	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009364 - 009378	Project management, meetings, risk assessment support, data validation (Entrix & EcoChem)	\$ 57,233.89	\$ 57,233.89	\$ 57,233.89		CONWR_AUS_GDOTSCOSTS_009379 - 009379
7	Cardno ENTRIX	10/25/2010	0061409	7163101	Crab Orchard	\$ 3,596.57	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009380 - 009386	Project management, risk assessment support	\$ 3,596.57	\$ 3,596.57	\$ 3,596.57		CONWR_AUS_GDOTSCOSTS_009387 - 009387
8	Cardno ENTRIX	11/22/2010	0062134	7163101	Crab Orchard	\$ 39,112.46	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009388 - 009412	Project management, risk assessment support, data validation (Entrix)	\$ 39,112.46	\$ 39,112.46	\$ 39,112.46		CONWR_AUS_GDOTSCOSTS_009387 - 009387

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												Amount	
9	Cardno ENTRIX	12/14/2010	0062947	7163101	Crab Orchard	\$ 11,541.36	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009414 - 009425	Project management, risk assessment support, data validation (EcoChem)	\$ 11,541.36	\$ 11,541.36	\$ 11,541.36	CONWR_AUS_GDOTSCOSTS_009426 - 009426
10	Cardno ENTRIX	1/24/2011	0064106	7163101	Crab Orchard	\$ 28,553.20	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009427 - 009448	Project management, risk assessment support	\$ 28,553.20	\$ 28,553.20	\$ 28,553.20	CONWR_AUS_GDOTSCOSTS_009449 - 009449
11	Cardno ENTRIX	2/21/2011	0064920	71631010.01	Crab Orchard	\$ 4,828.48	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009450 - 009463	Project management, risk assessment support	\$ 4,828.48	\$ 4,828.48	\$ 4,828.48	CONWR_AUS_GDOTSCOSTS_009464 - 009464
12	Cardno ENTRIX	3/9/2011	0065215	71631010.01	Crab Orchard	\$ 21,683.34	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009465 - 009481	Project management, risk assessment support	\$ 21,683.34	\$ 21,683.34	\$ 21,683.34	CONWR_AUS_GDOTSCOSTS_009482 - 009482
13	Cardno ENTRIX	4/15/2011	0066419	71631010.01	Crab Orchard	\$ 6,022.53	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009483 - 009495	Project management, risk assessment support	\$ 6,022.53	\$ 6,022.53	\$ 6,022.53	CONWR_AUS_GDOTSCOSTS_009496 - 009496
14	Cardno ENTRIX	5/20/2011	0067299	71631010.01	Crab Orchard	\$ 2,957.45	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009497 - 009512	Project management, risk assessment support	\$ 2,957.45	\$ 2,957.45	\$ 2,957.45	CONWR_AUS_GDOTSCOSTS_009513 - 009513
15	Cardno ENTRIX	6/16/2011	0068095	71631010.01	Crab Orchard	\$ 4,252.14	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009514 - 009523	Project management, data validation (EcoChem)	\$ 4,252.14	\$ 4,252.14	\$ 4,252.14	CONWR_AUS_GDOTSCOSTS_009524 - 009524
16	Cardno ENTRIX	8/15/2011	0069915	71631010.01	Crab Orchard	\$ 4,399.20	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009530 - 009537	Project management, risk assessment support	\$ 4,399.20	\$ 4,399.20	\$ 4,399.20	2020OLINCOS_0058810 - 0058892
18	Cardno ENTRIX	8/17/2011	0069957	71631010.02	Crab Orchard	\$ 1,248.00	Provide Ecological RA	CONWR_AUS_GDOTSCOSTS_009525 - 009527	Professional services	\$ 1,248.00	\$ 1,248.00	\$ 1,248.00	CONWR_AUS_GDOTSCOSTS_009528 - 009529
17	Cardno ENTRIX	9/19/2011	0070827	71631010.01	Crab Orchard	\$ 3,182.40	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009538 - 009545	Project management	\$ 3,182.40	\$ 3,182.40	\$ 3,182.40	CONWR_AUS_GDOTSCOSTS_009546 - 009546
19	Cardno ENTRIX	10/24/2011	0071740	71631010.01	Crab Orchard	\$ 6,798.68	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009547 - 009561	Project management, data reporting, meetings, risk assessment support	\$ 6,798.68	\$ 6,798.68	\$ 6,798.68	CONWR_AUS_GDOTSCOSTS_009562 - 009562
20	Cardno ENTRIX	11/10/2011	0072430	71631010.01	Crab Orchard	\$ 2,085.84	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009563 - 009570	Project management, risk assessment support, data validation (EcoChem)	\$ 2,085.84	\$ 2,085.84	\$ 2,085.84	CONWR_AUS_GDOTSCOSTS_009571 - 009571
21	Cardno ENTRIX	12/12/2011	0073310	71631010.01	Crab Orchard	\$ 15,207.40	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009572 - 009580	Project management, risk assessment support	\$ 15,207.40	\$ 15,207.40	\$ 15,207.40	CONWR_AUS_GDOTSCOSTS_009581 - 009581
22	Cardno ENTRIX	1/20/2012	0074656	71631010.01	Crab Orchard	\$ 40,218.10	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009582 - 009591	Project management, data reporting, agency negotiations	\$ 40,218.10	\$ 40,218.10	\$ 40,218.10	CONWR_AUS_GDOTSCOSTS_009592 - 009592
23	Cardno ENTRIX	2/20/2012	0075788	71631010.01	Crab Orchard	\$ 22,675.04	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009593 - 009605	Project management, risk assessment support, data reporting, data validation (EcoChem)	\$ 22,675.04	\$ 22,675.04	\$ 22,675.04	CONWR_AUS_GDOTSCOSTS_009606 - 009606
24	Cardno ENTRIX	3/21/2012	0076530	71631010.01	Crab Orchard	\$ 9,914.88	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009607 - 009615	Project management, risk assessment support, data validation (EcoChem)	\$ 9,914.88	\$ 9,914.88	\$ 9,914.88	CONWR_AUS_GDOTSCOSTS_009616 - 009616
25	Cardno ENTRIX	4/18/2012	0077214	71631010.01	Crab Orchard	\$ 1,560.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009618 - 009623	Project management	\$ 1,560.00	\$ 1,560.00	\$ 1,560.00	CONWR_AUS_GDOTSCOSTS_009624 - 009624
26	Cardno ENTRIX	5/21/2012	0078300	71631010.01	Crab Orchard	\$ 1,473.76	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009626 - 009633	Project management, data validation (EcoChem)	\$ 1,473.76	\$ 1,473.76	\$ 1,473.76	CONWR_AUS_GDOTSCOSTS_009634 - 009634
27	Cardno ENTRIX	6/7/2012	0078925	71631010.01	Crab Orchard	\$ 1,248.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009635 - 009644	Project management	\$ 1,248.00	\$ 1,248.00	\$ 1,248.00	CONWR_AUS_GDOTSCOSTS_009645 - 009645
28	Cardno ENTRIX	7/16/2012	0080137	71631010.01	Crab Orchard	\$ 1,560.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009646 - 009650	Project management	\$ 1,560.00	\$ 1,560.00	\$ 1,560.00	CONWR_AUS_GDOTSCOSTS_009651 - 009651
29	Cardno ENTRIX	8/17/2012	0081394	71631010.01	Crab Orchard	\$ 3,472.08	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009652 - 009662	Project management, data validation (EcoChem)	\$ 3,472.08	\$ 3,472.08	\$ 3,472.08	CONWR_AUS_GDOTSCOSTS_009663 - 009663
31	Cardno ENTRIX	9/19/2012	0082252	71631010.01	Crab Orchard	\$ 1,632.80	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009664 - 009672	Project management, data validation (Entrix)	\$ 1,632.80	\$ 1,632.80	\$ 1,632.80	CONWR_AUS_GDOTSCOSTS_009673 - 009673
30	Cardno ENTRIX	10/11/2012	0083059	71631010.01	Crab Orchard	\$ 1,128.40	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009674 - 009680	Project management, data validation (Entrix)	\$ 1,128.40	\$ 1,128.40	\$ 1,128.40	CONWR_AUS_GDOTSCOSTS_009681 - 009681
32	Cardno ENTRIX	11/14/2012	0084113	71631010.01	Crab Orchard	\$ 5,856.77	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009682 - 009693	Project management, data validation (Entrix & EcoChem)	\$ 5,856.77	\$ 5,856.77	\$ 5,856.77	CONWR_AUS_GDOTSCOSTS_009694 - 009694
33	Cardno ENTRIX	12/27/2012	0085405	71631010.01	Crab Orchard	\$ 995.20	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009695 - 009703	Project management, data validation (Entrix)	\$ 995.20	\$ 995.20	\$ 995.20	CONWR_AUS_GDOTSCOSTS_009704 - 009704
34	Cardno ENTRIX	1/17/2013	0086045	71631010.01	Crab Orchard	\$ 1,872.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009705 - 009712	Data validation (Entrix)	\$ 1,872.00	\$ 1,872.00	\$ 1,872.00	CONWR_AUS_GDOTSCOSTS_009713 - 009713
35	Cardno ENTRIX	2/22/2013	0087021	71631010.01	Crab Orchard	\$ 10,661.21	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009714 - 009724	Project management, data reporting, receipt of lab results (Site 69), data validation (Entrix & EcoChem)	\$ 10,661.21	\$ 10,661.21	\$ 10,661.21	CONWR_AUS_GDOTSCOSTS_009725 - 009725
36	Cardno ENTRIX	3/20/2013	0087734	71631010.01	Crab Orchard	\$ 8,049.60	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009726 - 009735	Project management, agency negotiations, risk assessment support, data validation (Entrix)	\$ 8,049.60	\$ 8,049.60	\$ 8,049.60	CONWR_AUS_GDOTSCOSTS_009736 - 009736
37	Cardno ENTRIX	4/18/2013	0088329	71631010.01	Crab Orchard	\$ 2,699.89	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009739 - 009755	Project management, data validation (Entrix)	\$ 2,699.89	\$ 2,699.89	\$ 2,699.89	CONWR_AUS_GDOTSCOSTS_009763 - 009763
38	Cardno ENTRIX	5/22/2013	0089384	71631010.01	Crab Orchard	\$ 1,534.12	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009756 - 009762	Project management, data validation (Entrix & EcoChem)	\$ 1,534.12	\$ 1,534.12	\$ 1,534.12	CONWR_AUS_GDOTSCOSTS_009763 - 009763
39	Cardno ENTRIX	6/27/2013	0090307	71631010.01	Crab Orchard	\$ 624.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009764 - 009770	Project management, data validation (Entrix)	\$ 624.00	\$ 624.00	\$ 624.00	CONWR_AUS_GDOTSCOSTS_009771 - 009771

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	
													Amount	Payment Documentation Bates Number
Nathan Invoice	40	Cardno ENTRIX	7/25/2013	0091068	71631010.01	Crab Orchard	\$ 1,008.80	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009772 - 009776	Project management	\$ 1,008.80	\$ 1,008.80	\$ 1,008.80	CONWR_AUS_GDOTSCOSTS_009777 - 009777
	41	Cardno ENTRIX	8/21/2013	0092153	71631010.01	Crab Orchard	\$ 1,528.21	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009778 - 009786	Project management, data validation (EcoChem)	\$ 1,528.21	\$ 1,528.21	\$ 1,528.21	CONWR_AUS_GDOTSCOSTS_009787 - 009787
	42	Cardno ENTRIX	8/29/2013	0092565	71631010.01	Crab Orchard	\$ 959.62	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009788 - 009795	Project management	\$ 959.62	\$ 959.62	\$ 959.62	CONWR_AUS_GDOTSCOSTS_009796 - 009796
	43	Cardno ENTRIX	11/14/2013	94785	7163101001	Crab Orchard	\$ 3,255.28	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009797 - 009808	Project management, data validation (Entrix)	\$ 3,255.28	\$ 3,255.28	\$ 3,255.28	CONWR_AUS_GDOTSCOSTS_009809 - 009809
	44	Cardno ENTRIX	12/23/2013	96160	7163101001	Crab Orchard	\$ 449.50	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009810 - 009816	Project management, data validation (Entrix)	\$ 449.50	\$ 449.50	\$ 449.50	CONWR_AUS_GDOTSCOSTS_009817 - 009817
	45	Cardno ENTRIX	1/22/2014	97007	7163101001	Crab Orchard	\$ 1,008.80	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009818 - 009820	Project management	\$ 1,008.80	\$ 1,008.80	\$ 1,008.80	CONWR_AUS_GDOTSCOSTS_009821 - 009821
	46	Cardno ENTRIX	2/18/2014	97828	7163101001	Crab Orchard	\$ 11,243.08	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009822 - 009828	Project management, data validation (Entrix)	\$ 11,243.08	\$ 11,243.08	\$ 11,243.08	CONWR_AUS_GDOTSCOSTS_009829 - 009829
	47	Cardno ENTRIX	3/21/2014	99027	7163101001	Crab Orchard	\$ 3,108.38	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009830 - 009838	Project management, data validation (Entrix)	\$ 3,108.38	\$ 3,108.38	\$ 3,108.38	CONWR_AUS_GDOTSCOSTS_009839 - 009839
	48	Cardno ENTRIX	4/10/2014	99635	7163101001	Crab Orchard	\$ 8,318.48	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009840 - 009853	Project management, meetings, risk assessment support	\$ 8,318.48	\$ 8,318.48	\$ 8,318.48	CONWR_AUS_GDOTSCOSTS_009854 - 009854
	49	Cardno ENTRIX	5/21/2014	101089	7163101001	Crab Orchard	\$ 10,939.90	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009855 - 009859	Project management, meetings, risk assessment support	\$ 10,939.90	\$ 10,939.90	\$ 10,939.90	CONWR_AUS_GDOTSCOSTS_009860 - 009860
	50	Cardno ENTRIX	6/19/2014	101881	7163101001	Crab Orchard	\$ 14,327.88	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009861 - 009878	Project management, meetings, risk assessment support	\$ 14,327.88	\$ 14,327.88	\$ 14,327.88	CONWR_AUS_GDOTSCOSTS_009879 - 009879
	51	Cardno ENTRIX	7/25/2014	103274	7163101001	Crab Orchard	\$ 14,450.80	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009880 - 009887	Project management, risk assessment support, surface water & sediment sampling (Site 002), data validation (Entrix)	\$ 14,450.80	\$ 14,450.80	\$ 14,450.80	CONWR_AUS_GDOTSCOSTS_009888 - 009888
	52	Cardno ENTRIX	8/26/2014	104301	7163101001	Crab Orchard	\$ 9,757.50	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009889 - 009901	Project management, risk assessment support, surface water & sediment sampling (Site 002), data validation (Entrix)	\$ 9,757.50	\$ 9,757.50	\$ 9,757.50	CONWR_AUS_GDOTSCOSTS_009902 - 009902
	53	Cardno ENTRIX	9/26/2014	105486	7163101001	Crab Orchard	\$ 47,061.89	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009903 - 009934	Project management, risk assessment support, mobilization and demobilization, receipt of lab results (multiple sites), surface water & sediment sampling (multiple sites), data validation (Entrix)	\$ 47,061.89	\$ 47,061.89	\$ 47,061.89	CONWR_AUS_GDOTSCOSTS_009935 - 009935
	54	Cardno ENTRIX	10/30/2014	106400	7163101001	Crab Orchard	\$ 18,969.60	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009936 - 009946	Project management, risk assessment support, surface water & sediment sampling (Sites 11S & 8S), data validation (Entrix)	\$ 18,969.60	\$ 18,969.60	\$ 18,969.60	CONWR_AUS_GDOTSCOSTS_009947 - 009947
	55	Cardno ENTRIX	5/5/2015	160476	7163101001	Crab Orchard	\$ 74,840.76	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_009948 - 010147	Project management, surface water & sediment sampling (multiple sites), risk assessment support, mobilization and demobilization, data validation (Entrix), receipt of lab results (multiple sites)	\$ 74,840.76	\$ 74,840.76	\$ 74,840.76	CONWR_AUS_GDOTSCOSTS_010148 - 010148
	56	Cardno ENTRIX	6/12/2015	164334	7163101001	Crab Orchard	\$ 10,697.74	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_011836 - 011891	Risk assessment support, receipt of lab results (multiple sites), surface water & sediment sampling (multiple sites), document storage	\$ 10,697.74	\$ 10,697.74	\$ 10,697.74	CONWR_AUS_GDOTSCOSTS_011836 - 011891
	57	Cardno ENTRIX	6/12/2015	164378	7163101001	Crab Orchard	\$ 9,568.11	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_011892 - 011910	Project management, risk assessment support, surface water & sediment sampling (Site 8S), receipt of lab results (Site 8S), data validation (Entrix)	\$ 9,568.11	\$ 9,568.11	\$ 9,568.11	CONWR_AUS_GDOTSCOSTS_011892 - 011910
	58	Cardno ENTRIX	7/9/2015	166771	7163101001	Crab Orchard	\$ 42,573.94	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_011911 - 011931	Project management, risk assessment support, mobilization and demobilization, surface water & sediment sampling (multiple sites), data validation (Entrix)	\$ 42,573.94	\$ 42,573.34	\$ 42,573.34	CONWR_AUS_GDOTSCOSTS_011911 - 011931
	59	Cardno ENTRIX	9/2/2015	172029	7163101001	Crab Orchard	\$ 3,656.32	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_011932 - 011945	Project management	\$ 3,656.32	\$ 3,656.32	\$ 3,656.32	CONWR_AUS_GDOTSCOSTS_012016 - 012016
	60	Cardno ENTRIX	9/14/2015	173203	7163101001	Crab Orchard	\$ 1,404.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_011946 - 011953	Project management	\$ 1,404.00	\$ 1,404.00	\$ 1,404.00	CONWR_AUS_GDOTSCOSTS_012016 - 012016
	61	Cardno ENTRIX	10/9/2015	175657	7163101001	Crab Orchard	\$ 25,083.50	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_012017 - 012029	Project management, data validation (EcoChem)	\$ 25,083.50	\$ 25,083.50	\$ 25,083.50	CONWR_AUS_GDOTSCOSTS_012017 - 012029
	62	Cardno ENTRIX	11/16/2015	179222	7163101001	Crab Orchard	\$ 2,914.60	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_012030 - 012051	Project management, document storage	\$ 2,914.60	\$ 2,914.60	\$ 2,914.60	CONWR_AUS_GDOTSCOSTS_012030 - 012051
	63	Cardno ENTRIX	12/14/2015	182043	7163101001	Crab Orchard	\$ 2,076.10	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_012146 - 012153	Project management	\$ 2,076.10	\$ 2,076.10	\$ 2,076.10	CONWR_AUS_GDOTSCOSTS_012154 - 012154
	64	Cardno ENTRIX	1/12/2016	184393	7163101001	Crab Orchard	\$ 1,248.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_012156 - 012159	Project management	\$ 1,248.00	\$ 1,248.00	\$ 1,248.00	CONWR_AUS_GDOTSCOSTS_012160 - 012161

Invoice Database															
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related		Payment Documentation Bates Number
													Amount	Amount	
Nathan Invoice	65	Cardno ENTRIX	2/11/2016	187315	7163101001	Crab Orchard	\$ 1,286.35	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_012162 - 012172	Project management	\$ 1,286.35	\$ 1,286.35	\$ 1,286.35		CONWR_AUS_GDOTSCOSTS_012173 - 012173
	67	Cardno ENTRIX	3/14/2016	190008	7163101001	Crab Orchard	\$ 780.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013412 - 013417	Project management	\$ 780.00	\$ 780.00	\$ 780.00		CONWR_AUS_GDOTSCOSTS_013411 - 013411
	68	Cardno ENTRIX	4/13/2016	192619	7163101001	Crab Orchard	\$ 1,981.20	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_012919 - 012929	Project management	\$ 1,981.20	\$ 1,981.20	\$ 1,981.20		CONWR_AUS_GDOTSCOSTS_012930 - 012930
	69	Cardno ENTRIX	5/19/2016	195929	7163101001	Crab Orchard	\$ 2,340.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_012911 - 012918	Project management, data validation (Entrix)	\$ 2,340.00	\$ 2,340.00	\$ 2,340.00		CONWR_AUS_GDOTSCOSTS_012911 - 012918
	70	Cardno ENTRIX	6/16/2016	198674	7163101001	Crab Orchard	\$ 2,184.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013018 - 013024	Project management	\$ 2,184.00	\$ 2,184.00	\$ 2,184.00		CONWR_AUS_GDOTSCOSTS_013018 - 013024
	71	Cardno ENTRIX	7/13/2016	200977	7163101001	Crab Orchard	\$ 3,671.85	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013170 - 013184	Project management, data validation (Entrix)	\$ 3,671.85	\$ 3,671.85	\$ 3,671.85		CONWR_AUS_GDOTSCOSTS_013170 - 013184
	72	Cardno ENTRIX	8/22/2016	204396	7163101001	Crab Orchard	\$ 4,345.27	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013125 - 013144	Project management, data validation (Entrix)	\$ 4,345.27	\$ 4,345.27	\$ 4,345.27		CONWR_AUS_GDOTSCOSTS_013125 - 013144
	73	Cardno ENTRIX	9/14/2016	206689	7163101001	Crab Orchard	\$ 2,627.95	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013125 - 013144	Project management, data validation (Entrix)	\$ 2,627.95	\$ 2,627.95	\$ 2,627.95		CONWR_AUS_GDOTSCOSTS_013125 - 013144
	74	Cardno ENTRIX	10/24/2016	210390	7163101001	Crab Orchard	\$ 1,823.90	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013231 - 013249	Project management	\$ 1,823.90	\$ 1,823.90	\$ 1,823.90		CONWR_AUS_GDOTSCOSTS_013231 - 013249
	75	Cardno ENTRIX	11/21/2016	213065	7163101001	Crab Orchard	\$ 1,374.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013231 - 013249	Project management, receipt of lab results (Site 9)	\$ 1,374.00	\$ 1,374.00	\$ 1,374.00		CONWR_AUS_GDOTSCOSTS_013231 - 013249
	76	Cardno ENTRIX	12/15/2016	215369	7163101001	Crab Orchard	\$ 1,223.95	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013296 - 013318	Project management	\$ 1,223.95	\$ 1,223.95	\$ 1,223.95		CONWR_AUS_GDOTSCOSTS_013296 - 0113318
	77	Cardno ENTRIX	1/25/2017	218649	7163101001	Crab Orchard	\$ 3,875.95	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013296 - 013318	Project management	\$ 3,875.95	\$ 3,875.95	\$ 3,875.95		CONWR_AUS_GDOTSCOSTS_013296 - 0113318
	78	Cardno ENTRIX	2/21/2017	221283	7163101001	Crab Orchard	\$ 1,684.80	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013296 - 013318	Project management	\$ 1,684.80	\$ 1,684.80	\$ 1,684.80		CONWR_AUS_GDOTSCOSTS_013296 - 0113318
	79	Cardno ENTRIX	3/24/2017	224191	7163101001	Crab Orchard	\$ 1,092.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013319 - 013325	Project management	\$ 1,092.00	\$ 1,092.00	\$ 1,092.00		CONWR_AUS_GDOTSCOSTS_013319 - 13325
	80	Cardno ENTRIX	4/24/2017	226763	7163101001	Crab Orchard	\$ 2,886.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013319 - 013325	Project management	\$ 2,886.00	\$ 2,886.00	\$ 2,886.00		CONWR_AUS_GDOTSCOSTS_013319 - 13325
	81	Cardno ENTRIX	5/24/2017	230056	7163101001	Crab Orchard	\$ 5,288.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013433 - 013464	Project management, Document storage	\$ 5,288.00	\$ 5,288.00	\$ 5,288.00		CONWR_AUS_GDOTSCOSTS_013433 - 013464
	82	Cardno ENTRIX	6/16/2017	232390	7163101001	Crab Orchard	\$ 2,510.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013433 - 013464	Project management, Document storage	\$ 2,510.00	\$ 2,510.00	\$ 2,510.00		CONWR_AUS_GDOTSCOSTS_013433 - 013464
	85	Cardno ENTRIX	7/20/2017	235681	7163101001	Crab Orchard	\$ 6,885.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013530 - 013560	Project management, receipt of lab results (Sites 4W and 001), data validation (Entrix & EcoChem), document storage	\$ 6,885.00	\$ 6,885.00	\$ 6,885.00		CONWR_AUS_GDOTSCOSTS_013530 - 013560; CONWR_AUS_GDOTSCOSTS_013593 - 013611
	84	Cardno ENTRIX	8/14/2017	238232	7163101001	Crab Orchard	\$ 2,168.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013530 - 013560	Project management, Document storage	\$ 2,168.00	\$ 2,168.00	\$ 2,168.00		CONWR_AUS_GDOTSCOSTS_013530 - 013560
	89	Cardno ENTRIX	9/22/2017	241608	7163101001	Crab Orchard	\$ 1,544.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013727 - 013758	Project management, document storage	\$ 1,544.00	\$ 1,544.00	\$ 1,544.00		CONWR_AUS_GDOTSCOSTS_013727 - 013758
	86	Cardno ENTRIX	10/26/2017	244206	7163101001	Crab Orchard	\$ 3,650.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013637 - 013659	Project management, document storage	\$ 3,650.00	\$ 3,650.00	\$ 3,650.00		CONWR_AUS_GDOTSCOSTS_013637 - 013654
	87	Cardno ENTRIX	11/21/2017	245890	7163101001	Crab Orchard	\$ 5,600.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013637 - 013659	Project management, data validation (Cardno), document storage	\$ 5,600.00	\$ 5,600.00	\$ 5,600.00		CONWR_AUS_GDOTSCOSTS_013637 - 013654
	88	Cardno ENTRIX	12/14/2017	247185	7163101001	Crab Orchard	\$ 9,344.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013655 - 013659	Project management, document storage	\$ 9,344.00	\$ 9,344.00	\$ 9,344.00		CONWR_AUS_GDOTSCOSTS_013655 - 013655
	90	Cardno ENTRIX	1/26/2018	249220	7163101001	Crab Orchard	\$ 8,798.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013727 - 013758	Project management, data validation (Cardno), document storage	\$ 8,798.00	\$ 8,798.00	\$ 8,798.00		CONWR_AUS_GDOTSCOSTS_013727 - 013758
	91	Cardno ENTRIX	2/20/2018	250546	7163101001	Crab Orchard	\$ 4,196.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013727 - 013758	Project management, document storage	\$ 4,196.00	\$ 4,196.00	\$ 4,196.00		CONWR_AUS_GDOTSCOSTS_013727 - 013758
	98	Cardno ENTRIX	6/26/2018	256973	7163101001	Crab Orchard	\$ 16,887.50	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013803 - 013864	Project management, receipt of lab results (multiple sites)	\$ 16,887.50	\$ 16,887.50	\$ 16,887.50		CONWR_AUS_GDOTSCOSTS_013803 - 013864
	92	Cardno ENTRIX	6/29/2018	257241	7163101001	Crab Orchard	\$ 5,288.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013803 - 013864	Project management, data validation (Cardno), document storage	\$ 5,288.00	\$ 5,288.00	\$ 5,288.00		CONWR_AUS_GDOTSCOSTS_013803 - 013864
	93	Cardno ENTRIX	7/17/2018	258125	7163101001	Crab Orchard	\$ 10,349.62	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013803 - 013864	Project management, receipt of lab results (multiple sites), data validation (Cardno), document storage	\$ 10,349.62	\$ 10,349.62	\$ 10,349.62		CONWR_AUS_GDOTSCOSTS_013803 - 013864
	97	Cardno ENTRIX	8/14/2018	259920	7163101001	Crab Orchard	\$ 12,822.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013929 - 013938	Project management, receipt of lab results (multiple sites), document storage	\$ 12,822.00	\$ 12,822.00	\$ 12,822.00		CONWR_AUS_GDOTSCOSTS_013929 - 013929
	94	Cardno ENTRIX	8/23/2018	260271	7163101001	Crab Orchard	\$ 12,220.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013803 - 013864	Project management, receipt of lab results (multiple sites), data validation (Cardno, EcoChem), document storage	\$ 12,220.00	\$ 12,220.00	\$ 12,220.00		CONWR_AUS_GDOTSCOSTS_013803 - 013864

Invoice Database															
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation	Bates Number
	95	Cardno ENTRIX	8/29/2018	260465	7163101001	Crab Orchard	\$ 3,198.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013865 - 013876	Project management, data validation (Cardno)	\$ 3,198.00	\$ 3,198.00	\$ 3,198.00	CONWR_AUS_GDOTSCOSTS_013865 - 013876	
	96	Cardno ENTRIX	9/27/2018	262067	7163101001	Crab Orchard	\$ 3,120.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013865 - 013876	Project management, data validation (Cardno)	\$ 3,120.00	\$ 3,120.00	\$ 3,120.00	CONWR_AUS_GDOTSCOSTS_013865 - 013876	
	101	Cardno ENTRIX	10/12/2018	262889	7163101001	Crab Orchard	\$ 1,248.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_014002 - 014005	Project management, data validation - Cardno	\$ 1,248.00	\$ 1,248.00	\$ 1,248.00	CONWR_AUS_GDOTSCOSTS_013980 - 013980	
	102	Cardno ENTRIX	11/7/2018	264209	7163101001	Crab Orchard	\$ 7,581.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_014006 - 014009	Project management, receipt of lab results (multiple sites), data validation (Cardno), data validation (EcoChem), document storage	\$ 7,581.00	\$ 7,581.00	\$ 7,581.00	CONWR_AUS_GDOTSCOSTS_013980 - 013980	
	99	Cardno ENTRIX	12/21/2018	266814	7163101001	Crab Orchard	\$ 3,166.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013982 - 013993	Project Management, document storage	\$ 3,166.00	\$ 3,166.00	\$ 3,166.00	CONWR_AUS_GDOTSCOSTS_013980 - 013980	
	100	Cardno ENTRIX	1/25/2019	268211	7163101001	Crab Orchard	\$ 1,466.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_013994 - 014001	Project management, document storage	\$ 1,466.00	\$ 1,466.00	\$ 1,466.00	CONWR_AUS_GDOTSCOSTS_013980 - 013980	
	103	Cardno ENTRIX	2/5/2019	268681	7163101001	Crab Orchard	\$ 1,232.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_014047 - 014051	Project management, document storage	\$ 1,232.00	\$ 1,232.00	\$ 1,232.00	CONWR_AUS_GDOTSCOSTS_014046 - 014046	
	104	Cardno ENTRIX	3/5/2019	269995	7163101001	Crab Orchard	\$ 764.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_014052 - 014059	Project management, document storage	\$ 764.00	\$ 764.00	\$ 764.00	CONWR_AUS_GDOTSCOSTS_014046 - 014046	
	105	Cardno ENTRIX	4/16/2019	271882	7163101001	Crab Orchard	\$ 608.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_014102 - 014112	Project management, document storage	\$ 608.00	\$ 608.00	\$ 608.00	CONWR_AUS_GDOTSCOSTS_014102 - 014112	
	106	Cardno ENTRIX	5/29/2019	274102	7163101001	Crab Orchard	\$ 140.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_014102 - 014112	Document storage	\$ 140.00	\$ 140.00	\$ 140.00	CONWR_AUS_GDOTSCOSTS_014102 - 014112	
	107	Cardno ENTRIX	6/18/2019	275214	7163101001	Crab Orchard	\$ 514.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	CONWR_AUS_GDOTSCOSTS_014102 - 014112	Project management, document storage	\$ 514.00	\$ 514.00	\$ 514.00	CONWR_AUS_GDOTSCOSTS_014102 - 014112	
	108	Cardno ENTRIX	9/18/2019	280170	7163101001	Crab Orchard	\$ 156.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	2020OLINCOS_0069323 - 0069324	Project Management	\$ 156.00	\$ 156.00	\$ 156.00	2020OLINCOS_0069322 - 0069322	
	110	Cardno ENTRIX	10/23/2019	282091	7163101001	Crab Orchard	\$ 312.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	2020OLINCOS_0069332 - 0069333	Project Management	\$ 312.00	\$ 312.00	\$ 312.00	2020OLINCOS_0069331 - 0069331	
	111	Cardno ENTRIX	1/6/2020	285921	7163101001	Crab Orchard	\$ 156.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	2020OLINCOS_0069334 - 0069335	Project Management	\$ 156.00	\$ 156.00	\$ 156.00	2020OLINCOS_0069331 - 0069331	
	109	Cardno ENTRIX	2/27/2020	288461	7163101001	Crab Orchard	\$ 1,512.00	Ecological Risk Assessment & Support for RI/FS & Collect Ecologically	2020OLINCOS_0069327 - 0069330	Project Management, Document Storage	\$ 1,512.00	\$ 1,512.00	\$ 1,512.00	2020OLINCOS_0069325 - 0069326	
	112	Citibank (Escrow Agent)	4/1/2014 [20140401]		3:11-cv-00399 JPG/DGW		\$ 1,614,812.50	Consent Decree Regarding the Crab Orchard Site 36 Superfund Site and United States v. Schlumberger Technology Corp. et al	GD-OTS_OLIN_LITIG_00321190 - 00321235	Total	\$ 1,614,812.50	\$ 1,614,812.50	\$ 1,614,812.50	GD-OTS_OLIN_LITIG_00000118 - 00000119	
	113	CM Richards	9/18/2019 [20190918]				\$ 1,186.27	Curt M. Richards expenses	2020OLINCOS_0043940 - 0043940	Total	\$ 1,186.27	\$ 1,186.27	\$ -	2020OLINCOS_0039244 - 0039244	
	198	CM Richards	3/31/2020 [20200331]				\$ 697.00	Curt M. Richards expenses	2020OLINCOS_0043940 - 0043940	Total	\$ 697.00	\$ 697.00	\$ -	2020OLINCOS_0049715 - 0049715	
	114	Conestoga-Rovers & Associates	3/17/2003	23857	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 4,087.25	Support activities related to development of the RI/FS work plan.	CONWR_AUS_GDOTSCOSTS_000001 - 000004	Preparation of Plans	\$ 4,087.25	\$ 4,087.25	\$ 4,087.25	CONWR_AUS_GDOTSCOSTS_000005 - 000007	
	115	Conestoga-Rovers & Associates	4/30/2003	25459	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 46,746.63	Preparation of Field Sampling and Analysis Plan and Health and Safety Plan, meetings, assistance to ELM for QAPP development, additional site activity and administrative tasks.	CONWR_AUS_GDOTSCOSTS_000008 - 000091	Preparation of Plans	\$ 46,746.63	\$ 46,746.63	\$ 46,746.63	CONWR_AUS_GDOTSCOSTS_000005 - 000007	
	116	Conestoga-Rovers & Associates	5/20/2003	26335	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 4,374.32	Preparation of FASP and HSP; Assist ELM in QAPP development; Participate in conference calls and discussions.	CONWR_AUS_GDOTSCOSTS_000095 - 000111	Preparation of Plans	\$ 4,374.32	\$ 4,374.32	\$ 4,374.32	CONWR_AUS_GDOTSCOSTS_000005 - 000007	
	117	Conestoga-Rovers & Associates	7/29/2003	29246	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 28,556.49	Preparation of FASP and HSP; Assist ELM in QAPP development; CADD drafting support to NewFields; Assistance with database; Participate in conference calls and discussions.	CONWR_AUS_GDOTSCOSTS_000115 - 000152	Preparation of Plans	\$ 28,556.49	\$ 28,556.49	\$ 28,556.49	CONWR_AUS_GDOTSCOSTS_000005 - 000007	
	118	Conestoga-Rovers & Associates	8/25/2003	30482	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 28,628.39	Preparation of FASP and HSP; Review draft RI/FS Work Plan; Assist ELM for QAPP development; CADD drafting support to NewFields; Finalize/Issue plans; Participate in meetings and discussions.	CONWR_AUS_GDOTSCOSTS_000156 - 000218	Preparation of Plans	\$ 28,628.39	\$ 28,628.39	\$ 28,628.39	CONWR_AUS_GDOTSCOSTS_000005 - 000007	
	119	Conestoga-Rovers & Associates	9/19/2003	31450	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 9,200.02	Preparation of cost estimate for revised work scope in the RI report submitted to US EPA; Participation in meeting at Jenner & Block's office.	CONWR_AUS_GDOTSCOSTS_000222 - 000251	Preparation of Plans	\$ 9,200.02	\$ 9,200.00	\$ 9,200.00	CONWR_AUS_GDOTSCOSTS_000005 - 000007	
	127	Conestoga-Rovers & Associates	10/24/2003	32969	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 491.92	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000255 - 000282	Preparation of Plans	\$ 491.92	\$ 491.92	\$ 491.92	CONWR_AUS_GDOTSCOSTS_000005 - 000007	
	120	Conestoga-Rovers & Associates	12/16/2003	36430	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 270.17	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000286 - 000290	Preparation of Plans	\$ 270.17	\$ 270.17	\$ 270.17	CONWR_AUS_GDOTSCOSTS_000005 - 000007	
	121	Conestoga-Rovers & Associates	1/14/2004	37243	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 4,924.86	Services related to responding to EPA/FWS comments on the RI/FS work plan.	CONWR_AUS_GDOTSCOSTS_000294 - 000300	Preparation of Plans	\$ 4,924.86	\$ 4,924.86	\$ 4,924.86	CONWR_AUS_GDOTSCOSTS_000005 - 000007	

Invoice Database															
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related		Payment Documentation	Bates Number
												Amount	Amount		
122	Conestoga-Rovers & Associates	2/17/2004	38651	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 9,936.82	Services related to responding to EPA/FWS comments on the RI/FS work plan.	CONWR_AUS_GDOTSCOSTS_000304 - 000313	Preparation of Plans	\$ 9,936.82	\$ 9,936.82	\$ 9,936.82		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
123	Conestoga-Rovers & Associates	3/24/2004	40082	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 2,895.95	Services related to responding to EPA/FWS comments on the RI/FS work plan.	CONWR_AUS_GDOTSCOSTS_000317 - 000324	Preparation of Plans	\$ 2,895.95	\$ 2,895.95	\$ 2,895.95		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
124	Conestoga-Rovers & Associates	4/29/2004	41571	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 20,257.21	Professional services related to finalizing/issuing the RI/FS work plan.	CONWR_AUS_GDOTSCOSTS_000328 - 000349	Preparation of Plans	\$ 20,257.21	\$ 20,257.21	\$ 20,257.21		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
125	Conestoga-Rovers & Associates	5/21/2004	42558	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 935.88	Professional services related to finalizing/issuing the RI/FS work plan.	CONWR_AUS_GDOTSCOSTS_000353 - 000363	Preparation of Plans	\$ 935.88	\$ 935.88	\$ 935.88		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
126	Conestoga-Rovers & Associates	6/17/2004	43609	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 930.80	Professional services related to RI/FS work plan support.	CONWR_AUS_GDOTSCOSTS_000367 - 000372	Preparation of Plans	\$ 930.80	\$ 930.80	\$ 930.80		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
128	Conestoga-Rovers & Associates	9/30/2004	49624	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 248.50	Professional services related to RI/FS work plan support.	CONWR_AUS_GDOTSCOSTS_000376 - 000378	Preparation of Plans	\$ 248.50	\$ 248.50	\$ 248.50		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
129	Conestoga-Rovers & Associates	10/26/2004	51484	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 336.50	Professional services related to RI/FS work plan support.	CONWR_AUS_GDOTSCOSTS_000382 - 000384	Preparation of Plans	\$ 336.50	\$ 336.50	\$ 336.50		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
130	Conestoga-Rovers & Associates	3/23/2005	61131	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 959.48	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000388 - 000389	Preparation of Plans	\$ 959.48	\$ 959.48	\$ 959.48		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
131	Conestoga-Rovers & Associates	4/19/2005	63143	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 6,596.85	Tasks related to general conditions and planning related to general conditions and planning related to mobilization for the RI, review of US EPA's final determination, and participation in discussions and conference calls with project personnel.	CONWR_AUS_GDOTSCOSTS_000393 - 000396	Preparation of Plans	\$ 6,596.85	\$ 6,596.85	\$ 6,596.85		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
132	Conestoga-Rovers & Associates	5/18/2005	65481	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 271.49	Professional services related to general coordination and planning related to mobilization for the RI.	CONWR_AUS_GDOTSCOSTS_000400 - 000402	Preparation of Plans	\$ 271.49	\$ 271.49	\$ 271.49		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
133	Conestoga-Rovers & Associates	7/20/2005	69914	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 567.63	Professional services for miscellaneous tasks related to support of New Fields negotiations with the Agencies.	CONWR_AUS_GDOTSCOSTS_000406 - 000409	Preparation of Plans	\$ 567.63	\$ 567.63	\$ 567.63		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
134	Conestoga-Rovers & Associates	8/23/2005	72001	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 1,811.82	Professional services for initial activities associated with revision of the RI/FS Work Plan.	CONWR_AUS_GDOTSCOSTS_000413 - 000415	Preparation of Plans	\$ 1,811.82	\$ 1,811.82	\$ 1,811.82		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
135	Conestoga-Rovers & Associates	9/20/2005	74076	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 13,707.04	Professional services for initial preparation of response to comments, revision of the Sampling and Analysis Plan and Quality Assurance Project Plan, and document production for Agency submittal.	CONWR_AUS_GDOTSCOSTS_000419 - 000423	Preparation of Plans	\$ 13,707.04	\$ 13,707.04	\$ 13,707.04		CONWR_AUS_GDOTSCOSTS_000005 - 000007	
136	Conestoga-Rovers & Associates	10/18/2005	75662	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 3,731.72	Professional services related to issuing copies of the revised Sampling and Analysis Plan and Health and Safety Plan to the Agencies and disbursements related to the same.	CONWR_AUS_GDOTSCOSTS_000427 - 000430	Preparation of Plans	\$ 3,731.72	\$ 3,731.72	\$ 3,731.72		CONWR_AUS_GDOTSCOSTS_000431 - 000431	
137	Conestoga-Rovers & Associates	11/22/2005	79011	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 210.28	Professional services included discussion with NewFields related to the RI/FS schedule.	CONWR_AUS_GDOTSCOSTS_000432 - 000434	Preparation of Plans	\$ 210.28	\$ 210.28	\$ 210.28		CONWR_AUS_GDOTSCOSTS_000431 - 000431	
138	Conestoga-Rovers & Associates	1/23/2006	83566	031756	General Dynamics - Crab Orchard - Preparation of Plans	\$ 11,173.74	Professional services included revision of the RI/FS Work Plan and associated documents and initiation of mobilization activities related to the RI/FS.	CONWR_AUS_GDOTSCOSTS_000436 - 000440	Preparation of Plans	\$ 11,173.74	\$ 11,173.74	\$ 11,173.74		CONWR_AUS_GDOTSCOSTS_000431 - 000431	
139	Conestoga-Rovers & Associates	2/27/2006	86417	031756	General Dynamics - Crab Orchard	\$ 29,284.72	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000442 - 000450	Preparation of Plans	\$ 13,914.95	\$ 13,914.95	\$ 13,914.95		CONWR_AUS_GDOTSCOSTS_000451 - 000451	
139	Conestoga-Rovers & Associates	2/27/2006	86417	031756	General Dynamics - Crab Orchard	\$ 29,284.72	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000442 - 000450	Mobilization Activities	\$ 7,420.80	\$ 7,420.80	\$ 7,420.80		CONWR_AUS_GDOTSCOSTS_000451 - 000451	
139	Conestoga-Rovers & Associates	2/27/2006	86417	031756	General Dynamics - Crab Orchard	\$ 29,284.72	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000442 - 000450	Meetings	\$ 7,948.97	\$ 7,948.97	\$ 7,948.97		CONWR_AUS_GDOTSCOSTS_000451 - 000451	
140	Conestoga-Rovers & Associates	3/28/2006	89029	031756	General Dynamics - Crab Orchard	\$ 28,272.73	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000452 - 000461	Meetings	\$ 360.61	\$ 360.61	\$ 360.61		CONWR_AUS_GDOTSCOSTS_000462 - 000462	
140	Conestoga-Rovers & Associates	3/28/2006	89029	031756	General Dynamics - Crab Orchard	\$ 28,272.73	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000452 - 000461	Project Management & Coordination	\$ 403.87	\$ 403.87	\$ 403.87		CONWR_AUS_GDOTSCOSTS_000462 - 000462	
140	Conestoga-Rovers & Associates	3/28/2006	89029	031756	General Dynamics - Crab Orchard	\$ 28,272.73	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000452 - 000461	Preparation of Plans	\$ 15,218.15	\$ 15,218.15	\$ 15,218.15		CONWR_AUS_GDOTSCOSTS_000462 - 000462	
140	Conestoga-Rovers & Associates	3/28/2006	89029	031756	General Dynamics - Crab Orchard	\$ 28,272.73	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000452 - 000461	Mobilization Activities	\$ 12,290.10	\$ 12,290.10	\$ 12,290.10		CONWR_AUS_GDOTSCOSTS_000462 - 000462	
141	Conestoga-Rovers & Associates	4/21/2006	90941	031756	General Dynamics - Crab Orchard	\$ 14,363.20	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000463 - 000470	Preparation of Plans	\$ 6,634.60	\$ 6,634.60	\$ 6,634.60		CONWR_AUS_GDOTSCOSTS_000471 - 000471	
141	Conestoga-Rovers & Associates	4/21/2006	90941	031756	General Dynamics - Crab Orchard	\$ 14,363.20	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000463 - 000470	Mobilization Activities	\$ 2,880.09	\$ 2,880.09	\$ 2,880.09		CONWR_AUS_GDOTSCOSTS_000471 - 000471	
141	Conestoga-Rovers & Associates	4/21/2006	90941	031756	General Dynamics - Crab Orchard	\$ 14,363.20	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000463 - 000470	Meetings	\$ 4,675.01	\$ 4,675.01	\$ 4,675.01		CONWR_AUS_GDOTSCOSTS_000471 - 000471	
141	Conestoga-Rovers & Associates	4/21/2006	90941	031756	General Dynamics - Crab Orchard	\$ 14,363.20	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000463 - 000470	Project Management & Coordination	\$ 173.50	\$ 173.50	\$ 173.50		CONWR_AUS_GDOTSCOSTS_000471 - 000471	

Invoice Database														
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related		Payment Documentation Bates Number
												Amount	Amount	
142	Conestoga-Rovers & Associates	5/25/2006	93027	031756	General Dynamics - Crab Orchard	\$ 22,715.13	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000472 - 000480	Preparation of Plans	\$ 6,804.57	\$ 6,804.57	\$ 6,804.57		CONWR_AUS_GDOTSCOSTS_000481 - 000481
142	Conestoga-Rovers & Associates	5/25/2006	93027	031756	General Dynamics - Crab Orchard	\$ 22,715.13	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000472 - 000480	Mobilization Activities	\$ 15,257.06	\$ 15,257.06	\$ 15,257.06		CONWR_AUS_GDOTSCOSTS_000481 - 000481
142	Conestoga-Rovers & Associates	5/25/2006	93027	031756	General Dynamics - Crab Orchard	\$ 22,715.13	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000472 - 000480	Meetings	\$ 199.50	\$ 199.50	\$ 199.50		CONWR_AUS_GDOTSCOSTS_000481 - 000481
142	Conestoga-Rovers & Associates	5/25/2006	93027	031756	General Dynamics - Crab Orchard	\$ 22,715.13	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000472 - 000480	Project Management & Coordination	\$ 454.00	\$ 454.00	\$ 454.00		CONWR_AUS_GDOTSCOSTS_000481 - 000481
143	Conestoga-Rovers & Associates	8/3/2006	99003	031756	General Dynamics - Crab Orchard	\$ 51,643.87	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000482 - 000494	Ongoing Expenses	\$ 4,588.44	\$ 4,588.44	\$ 4,588.44		CONWR_AUS_GDOTSCOSTS_000495 - 000495
143	Conestoga-Rovers & Associates	8/3/2006	99003	031756	General Dynamics - Crab Orchard	\$ 51,643.87	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000482 - 000494	Mobilization Activities	\$ 26,187.61	\$ 26,187.61	\$ 26,187.61		CONWR_AUS_GDOTSCOSTS_000495 - 000495
143	Conestoga-Rovers & Associates	8/3/2006	99003	031756	General Dynamics - Crab Orchard	\$ 51,643.87	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000482 - 000494	Meetings	\$ 15,372.30	\$ 15,372.30	\$ 15,372.30		CONWR_AUS_GDOTSCOSTS_000495 - 000495
143	Conestoga-Rovers & Associates	8/3/2006	99003	031756	General Dynamics - Crab Orchard	\$ 51,643.87	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000482 - 000494	Project Management & Coordination	\$ 4,275.02	\$ 4,275.02	\$ 4,275.02		CONWR_AUS_GDOTSCOSTS_000495 - 000495
143	Conestoga-Rovers & Associates	8/3/2006	99003	031756	General Dynamics - Crab Orchard	\$ 51,643.87	Professional Fees and Expenses	CONWR_AUS_GDOTSCOSTS_000482 - 000494	Daily, Weekly & Monthly Reporting	\$ 1,220.50	\$ 1,220.50	\$ 1,220.50		CONWR_AUS_GDOTSCOSTS_000495 - 000495
144	Conestoga-Rovers & Associates	8/3/2006	99005	031756	General Dynamics - Crab Orchard	\$ 86,105.44	Professional Services	CONWR_AUS_GDOTSCOSTS_000496 - 000497	Total fees earned at various Additional and Uncharacterized Sites	\$ 86,105.44	\$ 86,105.44	\$ 86,105.44		CONWR_AUS_GDOTSCOSTS_000498 - 000498
145	Conestoga-Rovers & Associates	8/25/2006	101092	031756	General Dynamics - Crab Orchard	\$ 65,727.08	Professional Services	CONWR_AUS_GDOTSCOSTS_000499 - 000506	Meetings	\$ 125.00	\$ 125.00	\$ 125.00		CONWR_AUS_GDOTSCOSTS_000507 - 000507
145	Conestoga-Rovers & Associates	8/25/2006	101092	031756	General Dynamics - Crab Orchard	\$ 65,727.08	Professional Services	CONWR_AUS_GDOTSCOSTS_000499 - 000506	Project Management & Coordination	\$ 19,029.96	\$ 19,029.96	\$ 19,029.96		CONWR_AUS_GDOTSCOSTS_000507 - 000507
145	Conestoga-Rovers & Associates	8/25/2006	101092	031756	General Dynamics - Crab Orchard	\$ 65,727.08	Professional Services	CONWR_AUS_GDOTSCOSTS_000499 - 000506	Ongoing Expenses	\$ 40,688.62	\$ 40,688.62	\$ 40,688.62		CONWR_AUS_GDOTSCOSTS_000507 - 000507
145	Conestoga-Rovers & Associates	8/25/2006	101092	031756	General Dynamics - Crab Orchard	\$ 65,727.08	Professional Services	CONWR_AUS_GDOTSCOSTS_000499 - 000506	Daily, Weekly & Monthly Reporting	\$ 5,883.50	\$ 5,883.50	\$ 5,883.50		CONWR_AUS_GDOTSCOSTS_000507 - 000507
146	Conestoga-Rovers & Associates	8/25/2006	101094	031756	General Dynamics - Crab Orchard	\$ 222,229.60	Professional Services - Field Investigation	CONWR_AUS_GDOTSCOSTS_000508 - 000510	Field investigation at various Additional and Uncharacterized Sites	\$ 222,229.60	\$ 222,229.60	\$ 222,229.60		CONWR_AUS_GDOTSCOSTS_000511 - 000511
147	Conestoga-Rovers & Associates	9/19/2006	103231	031756	General Dynamics - Crab Orchard	\$ 15,837.55	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000512 - 000516	Ongoing Expenses	\$ 2,818.53	\$ 2,818.53	\$ 2,818.53		CONWR_AUS_GDOTSCOSTS_000549 - 000550
147	Conestoga-Rovers & Associates	9/19/2006	103231	031756	General Dynamics - Crab Orchard	\$ 15,837.55	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000512 - 000516	Daily, Weekly & Monthly Reporting	\$ 2,508.50	\$ 2,508.50	\$ 2,508.50		CONWR_AUS_GDOTSCOSTS_000549 - 000550
147	Conestoga-Rovers & Associates	9/19/2006	103231	031756	General Dynamics - Crab Orchard	\$ 15,837.55	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000512 - 000516	Project Management & Coordination	\$ 10,544.67	\$ 10,544.67	\$ 10,544.67		CONWR_AUS_GDOTSCOSTS_000549 - 000550
147	Conestoga-Rovers & Associates	9/19/2006	103231	031756	General Dynamics - Crab Orchard	\$ 15,837.55	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000512 - 000516	Mobilization Activities	\$ (34.15)	\$ (34.15)	\$ (34.15)		CONWR_AUS_GDOTSCOSTS_000549 - 000550
148	Conestoga-Rovers & Associates	9/19/2006	103233	031756	General Dynamics - Crab Orchard	\$ 189,648.77	Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_000517 - 000548	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 189,648.77	\$ 189,648.77	\$ 189,648.77		CONWR_AUS_GDOTSCOSTS_000549 - 000550
149	Conestoga-Rovers & Associates	11/3/2006	107288	031756	General Dynamics - Crab Orchard	\$ 53,770.86	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000551 - 000561	Project Management & Coordination	\$ 23,876.69	\$ 23,876.69	\$ 23,876.69		CONWR_AUS_GDOTSCOSTS_000577 - 000577
149	Conestoga-Rovers & Associates	11/3/2006	107288	031756	General Dynamics - Crab Orchard	\$ 53,770.86	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000551 - 000561	Ongoing Expenses	\$ 8,518.37	\$ 8,518.37	\$ 8,518.37		CONWR_AUS_GDOTSCOSTS_000577 - 000577
149	Conestoga-Rovers & Associates	11/3/2006	107288	031756	General Dynamics - Crab Orchard	\$ 53,770.86	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000551 - 000561	Daily, Weekly & Monthly Reporting	\$ 9,830.30	\$ 9,830.30	\$ 9,830.30		CONWR_AUS_GDOTSCOSTS_000577 - 000577
149	Conestoga-Rovers & Associates	11/3/2006	107288	031756	General Dynamics - Crab Orchard	\$ 53,770.86	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000551 - 000561	Preliminary Site Characterization	\$ 11,545.50	\$ 11,545.50	\$ 11,545.50		CONWR_AUS_GDOTSCOSTS_000577 - 000577
150	Conestoga-Rovers & Associates	11/3/2006	107290	031756	General Dynamics - Crab Orchard	\$ 227,862.77	Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_000562 - 000576	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 227,862.77	\$ 227,862.77	\$ 227,862.77		CONWR_AUS_GDOTSCOSTS_000577 - 000577
151	Conestoga-Rovers & Associates	12/1/2006 [20061201]	031756	031756	General Dynamics - Crab Orchard	\$ 57,474.42	Add-on costs for the period May 29 through September 30, 2006 associated with the global change order approved by GDOTS for work conducted during this period but previously invoiced at lower unit rates.	CONWR_AUS_GDOTSCOSTS_000578 - 000638	CONWR RI Phase I - Change Order Additional Costs for various AUS OUs	\$ 57,474.42	\$ 57,474.42	\$ 57,474.42		CONWR_AUS_GDOTSCOSTS_000639 - 000639
152	Conestoga-Rovers & Associates	12/6/2006	109869	031756	General Dynamics - Crab Orchard	\$ 29,740.17	Professional Services	CONWR_AUS_GDOTSCOSTS_000640 - 000648	Preliminary Site Characterization	\$ 7,027.37	\$ 7,027.37	\$ 7,027.37		CONWR_AUS_GDOTSCOSTS_000639 - 000639; 2020OLINCOS_0058810 - 0058892
152	Conestoga-Rovers & Associates	12/6/2006	109869	031756	General Dynamics - Crab Orchard	\$ 29,740.17	Professional Services	CONWR_AUS_GDOTSCOSTS_000640 - 000648	Daily, Weekly & Monthly Reporting	\$ 11,165.56	\$ 11,165.56	\$ 11,165.56		CONWR_AUS_GDOTSCOSTS_000639 - 000639; 2020OLINCOS_0058810 - 0058892
152	Conestoga-Rovers & Associates	12/6/2006	109869	031756	General Dynamics - Crab Orchard	\$ 29,740.17	Professional Services	CONWR_AUS_GDOTSCOSTS_000640 - 000648	Project Management & Coordination	\$ 11,356.68	\$ 11,356.68	\$ 11,356.68		CONWR_AUS_GDOTSCOSTS_000639 - 000639; 2020OLINCOS_0058810 - 0058892
152	Conestoga-Rovers & Associates	12/6/2006	109869	031756	General Dynamics - Crab Orchard	\$ 29,740.17	Professional Services	CONWR_AUS_GDOTSCOSTS_000640 - 000648	Ongoing Expenses	\$ 190.56	\$ 190.56	\$ 190.56		CONWR_AUS_GDOTSCOSTS_000639 - 000639; 2020OLINCOS_0058810 - 0058892
153	Conestoga-Rovers & Associates	12/6/2006	109910	031756	General Dynamics - Crab Orchard	\$ 346,019.31	Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_000649 - 000683	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 346,019.31	\$ 241,019.31	\$ 241,019.31		CONWR_AUS_GDOTSCOSTS_000639 - 000639; 2020OLINCOS_0058810 - 0058892
156	Conestoga-Rovers & Associates	12/6/2006	110056	031756	General Dynamics - Crab Orchard	\$ 309,696.19	Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_000697 - 000731	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 309,696.19	\$ 309,696.19	\$ 309,696.19		CONWR_AUS_GDOTSCOSTS_000732 - 000732; 2020OLINCOS_0058810 - 0058892

Invoice Database														
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related		
												Amount	Payment	Documentation Bates Number
155	Conestoga-Rovers & Associates	12/7/2006	110043	031756	General Dynamics - Crab Orchard	\$ 52,134.52	Professional Services	CONWR_AUS_GDOTSCOSTS_000685 - 000696	Preliminary Site Characterization	\$ 23,201.45	\$ 23,201.45	\$ 23,201.45	CONWR_AUS_GDOTSCOSTS_000732 - 000732; 2020OLINCOS_0058810 - 0058892	
155	Conestoga-Rovers & Associates	12/7/2006	110043	031756	General Dynamics - Crab Orchard	\$ 52,134.52	Professional Services	CONWR_AUS_GDOTSCOSTS_000685 - 000696	Daily, Weekly & Monthly Reporting	\$ 5,341.63	\$ 5,341.63	\$ 5,341.63	CONWR_AUS_GDOTSCOSTS_000732 - 000732; 2020OLINCOS_0058810 - 0058892	
155	Conestoga-Rovers & Associates	12/7/2006	110043	031756	General Dynamics - Crab Orchard	\$ 52,134.52	Professional Services	CONWR_AUS_GDOTSCOSTS_000685 - 000696	Ongoing Expenses	\$ 11,264.97	\$ 11,264.97	\$ 11,264.97	CONWR_AUS_GDOTSCOSTS_000732 - 000732; 2020OLINCOS_0058810 - 0058892	
155	Conestoga-Rovers & Associates	12/7/2006	110043	031756	General Dynamics - Crab Orchard	\$ 52,134.52	Professional Services	CONWR_AUS_GDOTSCOSTS_000685 - 000696	Project Management & Coordination	\$ 12,326.47	\$ 12,326.47	\$ 12,326.47	CONWR_AUS_GDOTSCOSTS_000732 - 000732; 2020OLINCOS_0058810 - 0058892	
154	Conestoga-Rovers & Associates	1/18/2007	113026	031756	General Dynamics - Crab Orchard	\$ 56,812.17	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000733 - 000744	Ongoing Expenses	\$ 5,604.65	\$ 5,604.65	\$ 5,604.65	CONWR_AUS_GDOTSCOSTS_000773 - 000773	
154	Conestoga-Rovers & Associates	1/18/2007	113026	031756	General Dynamics - Crab Orchard	\$ 56,812.17	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000733 - 000744	Project Management & Coordination	\$ 29,327.45	\$ 29,327.45	\$ 29,327.45	CONWR_AUS_GDOTSCOSTS_000773 - 000773	
154	Conestoga-Rovers & Associates	1/18/2007	113026	031756	General Dynamics - Crab Orchard	\$ 56,812.17	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000733 - 000744	Preliminary Site Characterization	\$ 15,618.18	\$ 15,618.18	\$ 15,618.18	CONWR_AUS_GDOTSCOSTS_000773 - 000773	
154	Conestoga-Rovers & Associates	1/18/2007	113026	031756	General Dynamics - Crab Orchard	\$ 56,812.17	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000733 - 000744	Daily, Weekly & Monthly Reporting	\$ 6,261.89	\$ 6,261.89	\$ 6,261.89	CONWR_AUS_GDOTSCOSTS_000773 - 000773	
157	Conestoga-Rovers & Associates	2/1/2007	114544	031756	General Dynamics - Crab Orchard	\$ 229,115.49	Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_000745 - 000772	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 229,115.49	\$ 229,115.49	\$ 229,115.49	CONWR_AUS_GDOTSCOSTS_000774 - 000774	
158	Conestoga-Rovers & Associates	2/21/2007	116259	031756	General Dynamics - Crab Orchard	\$ 284,491.25	Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_000786 - 000808	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 284,491.25	\$ 284,491.25	\$ 284,491.25	CONWR_AUS_GDOTSCOSTS_000809 - 000809	
162	Conestoga-Rovers & Associates	2/22/2007	116333	031756	General Dynamics - Crab Orchard	\$ 33,884.36	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000775 - 000785	Daily, Weekly & Monthly Reporting	\$ 2,183.80	\$ 2,183.80	\$ 2,183.80	2020OLINCOS_0058810 - 0058892	
162	Conestoga-Rovers & Associates	2/22/2007	116333	031756	General Dynamics - Crab Orchard	\$ 33,884.36	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000775 - 000785	Preliminary Site Characterization	\$ 9,865.60	\$ 9,865.60	\$ 9,865.60	2020OLINCOS_0058810 - 0058892	
162	Conestoga-Rovers & Associates	2/22/2007	116333	031756	General Dynamics - Crab Orchard	\$ 33,884.36	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000775 - 000785	Ongoing Expenses	\$ 5,576.06	\$ 5,576.06	\$ 5,576.06	2020OLINCOS_0058810 - 0058892	
162	Conestoga-Rovers & Associates	2/22/2007	116333	031756	General Dynamics - Crab Orchard	\$ 33,884.36	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000775 - 000785	Project Management & Coordination	\$ 16,258.90	\$ 16,258.90	\$ 16,258.90	2020OLINCOS_0058810 - 0058892	
159	Conestoga-Rovers & Associates	3/27/2007	119247	031756	General Dynamics - Crab Orchard	\$ 47,699.34	CONWR RI	CONWR_AUS_GDOTSCOSTS_000810 - 000822	Preliminary Site Characterization	\$ 13,209.00	\$ 13,209.00	\$ 13,209.00	CONWR_AUS_GDOTSCOSTS_000846 - 000846	
159	Conestoga-Rovers & Associates	3/27/2007	119247	031756	General Dynamics - Crab Orchard	\$ 47,699.34	CONWR RI	CONWR_AUS_GDOTSCOSTS_000810 - 000822	Daily, Weekly & Monthly Reporting	\$ 1,362.52	\$ 1,362.52	\$ 1,362.52	CONWR_AUS_GDOTSCOSTS_000846 - 000846	
159	Conestoga-Rovers & Associates	3/27/2007	119247	031756	General Dynamics - Crab Orchard	\$ 47,699.34	CONWR RI	CONWR_AUS_GDOTSCOSTS_000810 - 000822	Ongoing Expenses	\$ 5,550.47	\$ 5,550.47	\$ 5,550.47	CONWR_AUS_GDOTSCOSTS_000846 - 000846	
159	Conestoga-Rovers & Associates	3/27/2007	119247	031756	General Dynamics - Crab Orchard	\$ 47,699.34	CONWR RI	CONWR_AUS_GDOTSCOSTS_000810 - 000822	Project Management & Coordination	\$ 23,311.35	\$ 23,311.35	\$ 23,311.35	CONWR_AUS_GDOTSCOSTS_000846 - 000846	
159	Conestoga-Rovers & Associates	3/27/2007	119247	031756	General Dynamics - Crab Orchard	\$ 47,699.34	CONWR RI	CONWR_AUS_GDOTSCOSTS_000810 - 000822	Meetings	\$ 4,266.00	\$ 4,266.00	\$ 4,266.00	CONWR_AUS_GDOTSCOSTS_000846 - 000846	
160	Conestoga-Rovers & Associates	3/27/2007	119250	031756	General Dynamics - Crab Orchard	\$ 211,935.55	Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_000823 - 000845	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 211,935.55	\$ 211,935.55	\$ 211,935.55	CONWR_AUS_GDOTSCOSTS_000846 - 000846	
161	Conestoga-Rovers & Associates	4/13/2007	120736	031756	General Dynamics - Crab Orchard	\$ 32,579.58	CONWR RI	CONWR_AUS_GDOTSCOSTS_000847 - 000856	Preliminary Site Characterization	\$ 11,970.95	\$ 11,970.95	\$ 11,970.95	CONWR_AUS_GDOTSCOSTS_000876 - 000879; 2020OLINCOS_0058810 - 0058892	
161	Conestoga-Rovers & Associates	4/13/2007	120736	031756	General Dynamics - Crab Orchard	\$ 32,579.58	CONWR RI	CONWR_AUS_GDOTSCOSTS_000847 - 000856	Daily, Weekly & Monthly Reporting	\$ 1,707.16	\$ 1,707.16	\$ 1,707.16	CONWR_AUS_GDOTSCOSTS_000876 - 000879; 2020OLINCOS_0058810 - 0058892	
161	Conestoga-Rovers & Associates	4/13/2007	120736	031756	General Dynamics - Crab Orchard	\$ 32,579.58	CONWR RI	CONWR_AUS_GDOTSCOSTS_000847 - 000856	Meetings	\$ 143.30	\$ 143.30	\$ 143.30	CONWR_AUS_GDOTSCOSTS_000876 - 000879; 2020OLINCOS_0058810 - 0058892	
161	Conestoga-Rovers & Associates	4/13/2007	120736	031756	General Dynamics - Crab Orchard	\$ 32,579.58	CONWR RI	CONWR_AUS_GDOTSCOSTS_000847 - 000856	Project Management & Coordination	\$ 17,570.39	\$ 17,570.39	\$ 17,570.39	CONWR_AUS_GDOTSCOSTS_000876 - 000879; 2020OLINCOS_0058810 - 0058892	
161	Conestoga-Rovers & Associates	4/13/2007	120736	031756	General Dynamics - Crab Orchard	\$ 32,579.58	CONWR RI	CONWR_AUS_GDOTSCOSTS_000847 - 000856	Ongoing Expenses	\$ 1,187.78	\$ 1,187.78	\$ 1,187.78	CONWR_AUS_GDOTSCOSTS_000876 - 000879; 2020OLINCOS_0058810 - 0058892	
170	Conestoga-Rovers & Associates	4/13/2007	120738	031756	General Dynamics - Crab Orchard	\$ 85,518.63	Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_000857 - 000875	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 85,518.63	\$ 85,518.63	\$ 85,518.63	CONWR_AUS_GDOTSCOSTS_000876 - 000879; 2020OLINCOS_0058810 - 0058892	
171	Conestoga-Rovers & Associates	5/23/2007	123877	031756	General Dynamics - Crab Orchard	\$ 34,669.86	CONWR RI	CONWR_AUS_GDOTSCOSTS_000880 - 000890	Ongoing Expenses	\$ 3,348.79	\$ 3,348.79	\$ 3,348.79	CONWR_AUS_GDOTSCOSTS_000891 - 000893	
171	Conestoga-Rovers & Associates	5/23/2007	123877	031756	General Dynamics - Crab Orchard	\$ 34,669.86	CONWR RI	CONWR_AUS_GDOTSCOSTS_000880 - 000890	Daily, Weekly & Monthly Reporting	\$ 620.02	\$ 620.02	\$ 620.02	CONWR_AUS_GDOTSCOSTS_000891 - 000893	
171	Conestoga-Rovers & Associates	5/23/2007	123877	031756	General Dynamics - Crab Orchard	\$ 34,669.86	CONWR RI	CONWR_AUS_GDOTSCOSTS_000880 - 000890	Project Management & Coordination	\$ 11,427.38	\$ 11,427.38	\$ 11,427.38	CONWR_AUS_GDOTSCOSTS_000891 - 000893	
171	Conestoga-Rovers & Associates	5/23/2007	123877	031756	General Dynamics - Crab Orchard	\$ 34,669.86	CONWR RI	CONWR_AUS_GDOTSCOSTS_000880 - 000890	Preliminary Site Characterization	\$ 19,273.67	\$ 19,273.67	\$ 19,273.67	CONWR_AUS_GDOTSCOSTS_000891 - 000893	
197	Conestoga-Rovers & Associates	5/23/2007	123881	031756	General Dynamics - Crab Orchard	\$ 17,360.00	Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_000894 - 000904	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 17,360.00	\$ 17,360.00	\$ 17,360.00	CONWR_AUS_GDOTSCOSTS_000905 - 000907	
163	Conestoga-Rovers & Associates	7/12/2007	129115	031756	General Dynamics - Crab Orchard	\$ 41,233.39	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000908 - 000919	Stage 2A Work - Daily, Weekly and Monthly Reporting	\$ 587.27	\$ 587.27	\$ 587.27	CONWR_AUS_GDOTSCOSTS_000936 - 000936; 2020OLINCOS_0058810 - 0058892	
163	Conestoga-Rovers & Associates	7/12/2007	129115	031756	General Dynamics - Crab Orchard	\$ 41,233.39	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000908 - 000919	Stage 2A Work - Preliminary Site Characterization	\$ 10,023.51	\$ 10,023.51	\$ 10,023.51	CONWR_AUS_GDOTSCOSTS_000936 - 000936; 2020OLINCOS_0058810 - 0058892	
163	Conestoga-Rovers & Associates	7/12/2007	129115	031756	General Dynamics - Crab Orchard	\$ 41,233.39	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000908 - 000919	Stage 2A Work - Ongoing Expenses	\$ 12,087.41	\$ 12,087.41	\$ 12,087.41	CONWR_AUS_GDOTSCOSTS_000936 - 000936; 2020OLINCOS_0058810 - 0058892	

Invoice Database														
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation	
													Bates Number	Bates Number
163	Conestoga-Rovers & Associates	7/12/2007	129115	031756	General Dynamics - Crab Orchard	\$ 41,233.39	CONWR RI Phase I	CONWR_AUS_GDOTSCOSTS_000908 - 000919	Stage 2A Work - Project Management & Coordination	\$ 18,535.20	\$ 18,535.20	\$ 18,535.20	CONWR_AUS_GDOTSCOSTS_000936 - 000936;	2020OLINCOS_0058810 - 0058892
164	Conestoga-Rovers & Associates	7/12/2007	129118	031756	General Dynamics - Crab Orchard	\$ 147,455.81	Phase I Stage 2A - Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_000920 - 000935	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 147,455.81	\$ 144,667.94	\$ 144,667.94	CONWR_AUS_GDOTSCOSTS_000936 - 000936;	2020OLINCOS_0058810 - 0058892
165	Conestoga-Rovers & Associates	7/20/2007	130270	031756	General Dynamics - Crab Orchard	\$ 63,277.25	Phase I Stage 2A Activity	CONWR_AUS_GDOTSCOSTS_000937 - 000973	Stage 2A Work - Preliminary Site Characterization	\$ 22,958.34	\$ 22,958.34	\$ 22,958.34	CONWR_AUS_GDOTSCOSTS_000974 - 000974	
165	Conestoga-Rovers & Associates	7/20/2007	130270	031756	General Dynamics - Crab Orchard	\$ 63,277.25	Phase I Stage 2A Activity	CONWR_AUS_GDOTSCOSTS_000937 - 000973	Stage 2A Work - Project Management & Coordination	\$ 20,075.67	\$ 20,075.67	\$ 20,075.67	CONWR_AUS_GDOTSCOSTS_000974 - 000974	
165	Conestoga-Rovers & Associates	7/20/2007	130270	031756	General Dynamics - Crab Orchard	\$ 63,277.25	Phase I Stage 2A Activity	CONWR_AUS_GDOTSCOSTS_000937 - 000973	Stage 2A Work - Ongoing Expenses	\$ 14,272.74	\$ 14,272.74	\$ 14,272.74	CONWR_AUS_GDOTSCOSTS_000974 - 000974	
165	Conestoga-Rovers & Associates	7/20/2007	130270	031756	General Dynamics - Crab Orchard	\$ 63,277.25	Phase I Stage 2A Activity	CONWR_AUS_GDOTSCOSTS_000937 - 000973	Stage 2A Work - Daily, Weekly and Monthly Reporting	\$ 5,970.50	\$ 5,970.50	\$ 5,970.50	CONWR_AUS_GDOTSCOSTS_000974 - 000974	
166	Conestoga-Rovers & Associates	7/20/2007	130274	031756	General Dynamics - Crab Orchard	\$ 175,665.11	Phase I Stage 2A - Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_000937 - 000973	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 175,665.11	\$ 175,665.11	\$ 175,665.11	CONWR_AUS_GDOTSCOSTS_000974 - 000974	
167	Conestoga-Rovers & Associates	8/16/2007	132593	031756	General Dynamics - Crab Orchard	\$ 27,251.51	Phase I Stage 2A	CONWR_AUS_GDOTSCOSTS_001025 - 001034	Stage 2A Work - Project Management & Coordination	\$ 6,225.65	\$ 6,225.65	\$ 6,225.65	CONWR_AUS_GDOTSCOSTS_001040 - 001040;	2020OLINCOS_0058810 - 0058892
167	Conestoga-Rovers & Associates	8/16/2007	132593	031756	General Dynamics - Crab Orchard	\$ 27,251.51	Phase I Stage 2A	CONWR_AUS_GDOTSCOSTS_001025 - 001034	Stage 2A Work - Ongoing Expenses	\$ 11,176.87	\$ 11,176.87	\$ 11,176.87	CONWR_AUS_GDOTSCOSTS_001040 - 001040;	2020OLINCOS_0058810 - 0058892
167	Conestoga-Rovers & Associates	8/16/2007	132593	031756	General Dynamics - Crab Orchard	\$ 27,251.51	Phase I Stage 2A	CONWR_AUS_GDOTSCOSTS_001025 - 001034	Stage 2A Work - Daily, Weekly and Monthly Reporting	\$ 4,227.16	\$ 4,227.16	\$ 4,227.16	CONWR_AUS_GDOTSCOSTS_001040 - 001040;	2020OLINCOS_0058810 - 0058892
167	Conestoga-Rovers & Associates	8/16/2007	132593	031756	General Dynamics - Crab Orchard	\$ 27,251.51	Phase I Stage 2A	CONWR_AUS_GDOTSCOSTS_001025 - 001034	Stage 2A Work - Preliminary Site Characterization	\$ 5,621.83	\$ 5,621.83	\$ 5,621.83	CONWR_AUS_GDOTSCOSTS_001040 - 001040;	2020OLINCOS_0058810 - 0058892
168	Conestoga-Rovers & Associates	8/16/2007	132597	031756	General Dynamics - Crab Orchard	\$ 657.50	Phase I Stage 2A - Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_001035 - 001039	AUS001 - Slug Testing	\$ 657.50	\$ 657.50	\$ 657.50	CONWR_AUS_GDOTSCOSTS_001040 - 001040;	2020OLINCOS_0058810 - 0058892
172	Conestoga-Rovers & Associates	10/5/2007	138178	031756	General Dynamics - Crab Orchard	\$ 12,008.84	Stage 2A	CONWR_AUS_GDOTSCOSTS_001041 - 001049	Stage 2A Work - Preliminary Site Characterization	\$ 938.00	\$ 938.00	\$ 938.00	CONWR_AUS_GDOTSCOSTS_001050 - 001050	
172	Conestoga-Rovers & Associates	10/5/2007	138178	031756	General Dynamics - Crab Orchard	\$ 12,008.84	Stage 2A	CONWR_AUS_GDOTSCOSTS_001041 - 001049	Stage 2A Work - Daily, Weekly and Monthly Reporting	\$ 4,829.00	\$ 4,829.00	\$ 4,829.00	CONWR_AUS_GDOTSCOSTS_001050 - 001050	
172	Conestoga-Rovers & Associates	10/5/2007	138178	031756	General Dynamics - Crab Orchard	\$ 12,008.84	Stage 2A	CONWR_AUS_GDOTSCOSTS_001041 - 001049	Stage 2A Work - Project Management & Coordination	\$ 1,474.37	\$ 1,474.37	\$ 1,474.37	CONWR_AUS_GDOTSCOSTS_001050 - 001050	
172	Conestoga-Rovers & Associates	10/5/2007	138178	031756	General Dynamics - Crab Orchard	\$ 12,008.84	Stage 2A	CONWR_AUS_GDOTSCOSTS_001041 - 001049	Stage 2A Work - Ongoing Expenses	\$ 4,767.47	\$ 4,767.47	\$ 4,767.47	CONWR_AUS_GDOTSCOSTS_001050 - 001050	
174	Conestoga-Rovers & Associates	10/24/2007	140436	031756	General Dynamics - Crab Orchard	\$ 53,696.77	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001057 - 001085	Stage 2A Work - Project Management & Coordination	\$ 19,878.65	\$ 19,878.65	\$ 19,878.65	CONWR_AUS_GDOTSCOSTS_001086 - 001086	
174	Conestoga-Rovers & Associates	10/24/2007	140436	031756	General Dynamics - Crab Orchard	\$ 53,696.77	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001057 - 001085	Stage 2A Work - Ongoing Expenses	\$ 12,003.70	\$ 12,003.70	\$ 12,003.70	CONWR_AUS_GDOTSCOSTS_001086 - 001086	
174	Conestoga-Rovers & Associates	10/24/2007	140436	031756	General Dynamics - Crab Orchard	\$ 53,696.77	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001057 - 001085	Stage 2A Work - Daily, Weekly and Monthly Reporting	\$ 2,005.25	\$ 2,005.25	\$ 2,005.25	CONWR_AUS_GDOTSCOSTS_001086 - 001086	
174	Conestoga-Rovers & Associates	10/24/2007	140436	031756	General Dynamics - Crab Orchard	\$ 53,696.77	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001057 - 001085	Stage 2A Work - Preliminary Site Characterization	\$ 19,809.17	\$ 19,809.17	\$ 19,809.17	CONWR_AUS_GDOTSCOSTS_001086 - 001086	
173	Conestoga-Rovers & Associates	10/24/2007	140437	031756	General Dynamics - Crab Orchard	\$ 14,684.78	Phase I Stage 2B - Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_001051 - 001056	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 14,684.78	\$ 14,684.78	\$ 14,684.78	CONWR_AUS_GDOTSCOSTS_001050 - 001050	
169	Conestoga-Rovers & Associates	10/26/2007	M120	031756	General Dynamics - Crab Orchard	\$ 54,512.93	Phase I Stage I - Field work including field clearing to support additional sampling activities, along with field surveying and well response testing, and other modifications to the original work scope as required by Fish & Wildlife Services	CONWR_AUS_GDOTSCOSTS_001087 - 001089	Project Management, Mobilization/Demobilization, Data Reporting, Meetings, Contingency and Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 54,512.93	\$ 54,512.93	\$ 54,512.93	CONWR_AUS_GDOTSCOSTS_001090 - 001090	
175	Conestoga-Rovers & Associates	11/26/2007	143897	031756	General Dynamics - Crab Orchard	\$ 276,055.92	Phase I Stage 2B - Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_001091 - 001123	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 276,055.92	\$ 276,055.92	\$ 276,055.92	CONWR_AUS_GDOTSCOSTS_001124 - 001124	
176	Conestoga-Rovers & Associates	11/27/2007	143972	031756	General Dynamics - Crab Orchard	\$ 49,362.68	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001091 - 001123	Stage 2B Work - Project Management & Coordination	\$ 24,730.32	\$ 24,729.98	\$ 24,729.98	CONWR_AUS_GDOTSCOSTS_001124 - 001124	
176	Conestoga-Rovers & Associates	11/27/2007	143972	031756	General Dynamics - Crab Orchard	\$ 49,362.68	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001091 - 001123	Stage 2B Work - Ongoing Expenses	\$ 15,536.85	\$ 15,536.64	\$ 15,536.64	CONWR_AUS_GDOTSCOSTS_001124 - 001124	
176	Conestoga-Rovers & Associates	11/27/2007	143972	031756	General Dynamics - Crab Orchard	\$ 49,362.68	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001091 - 001123	Stage 2B Work - Daily, Weekly and Monthly Reporting	\$ 4,443.51	\$ 4,443.45	\$ 4,443.45	CONWR_AUS_GDOTSCOSTS_001124 - 001124	
176	Conestoga-Rovers & Associates	11/27/2007	143972	031756	General Dynamics - Crab Orchard	\$ 49,362.68	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001091 - 001123	Stage 2B Work - Preliminary Site Characterization	\$ 1,476.00	\$ 1,475.98	\$ 1,475.98	CONWR_AUS_GDOTSCOSTS_001124 - 001124	
176	Conestoga-Rovers & Associates	11/27/2007	143972	031756	General Dynamics - Crab Orchard	\$ 49,362.68	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001091 - 001123	Stage 2B Work - Meetings	\$ 3,176.00	\$ 3,175.96	\$ 3,175.96	CONWR_AUS_GDOTSCOSTS_001124 - 001124	
177	Conestoga-Rovers & Associates	1/3/2008	147966	031756	General Dynamics - Crab Orchard	\$ 49,549.26	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001125 - 001158	Stage 2B Work - Preliminary Site Characterization	\$ 4,728.00	\$ 4,728.00	\$ 4,728.00	CONWR_AUS_GDOTSCOSTS_001159 - 001159	
177	Conestoga-Rovers & Associates	1/3/2008	147966	031756	General Dynamics - Crab Orchard	\$ 49,549.26	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001125 - 001158	Stage 2B Work - Daily, Weekly and Monthly Reporting	\$ 12,671.38	\$ 12,671.38	\$ 12,671.38	CONWR_AUS_GDOTSCOSTS_001159 - 001159	

Invoice Database														
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related		Payment Documentation Bates Number
												Amount	Amount	
177	Conestoga-Rovers & Associates	1/3/2008	147966	031756	General Dynamics - Crab Orchard	\$ 49,549.26	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001125 - 001158	Stage 2B Work - Project Management & Coordination	\$ 19,126.86	\$ 19,126.86	\$ 19,126.86		CONWR_AUS_GDOTSCOSTS_001159 - 001159
177	Conestoga-Rovers & Associates	1/3/2008	147966	031756	General Dynamics - Crab Orchard	\$ 49,549.26	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001125 - 001158	Stage 2B Work - Meetings	\$ 2,472.73	\$ 2,472.73	\$ 2,472.73		CONWR_AUS_GDOTSCOSTS_001159 - 001159
177	Conestoga-Rovers & Associates	1/3/2008	147966	031756	General Dynamics - Crab Orchard	\$ 49,549.26	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001125 - 001158	Stage 2B Work - Ongoing Expenses	\$ 10,550.29	\$ 10,550.29	\$ 10,550.29		CONWR_AUS_GDOTSCOSTS_001159 - 001159
178	Conestoga-Rovers & Associates	1/4/2008	148158	031756	General Dynamics - Crab Orchard	\$ 283,605.55	Phase I Stage 2B - Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_001125 - 001158	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 283,605.55	\$ 283,605.55	\$ 283,605.55		CONWR_AUS_GDOTSCOSTS_001159 - 001159
180	Conestoga-Rovers & Associates	1/31/2008	151296	031756	General Dynamics - Crab Orchard	\$ 48,108.36	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001160 - 001188	Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)	\$ 9,296.56	\$ 9,296.56	\$ 9,296.56		CONWR_AUS_GDOTSCOSTS_001189 - 001189
180	Conestoga-Rovers & Associates	1/31/2008	151296	031756	General Dynamics - Crab Orchard	\$ 48,108.36	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001160 - 001188	Stage 2B Work - Daily, Weekly and Monthly Reporting	\$ 697.34	\$ 697.34	\$ 697.34		CONWR_AUS_GDOTSCOSTS_001189 - 001189
180	Conestoga-Rovers & Associates	1/31/2008	151296	031756	General Dynamics - Crab Orchard	\$ 48,108.36	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001160 - 001188	Stage 2B Work - Preliminary Site Characterization	\$ 24,341.45	\$ 24,341.45	\$ 24,341.45		CONWR_AUS_GDOTSCOSTS_001189 - 001189
180	Conestoga-Rovers & Associates	1/31/2008	151296	031756	General Dynamics - Crab Orchard	\$ 48,108.36	Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001160 - 001188	Stage 2B Work - Project Management & Coordination	\$ 13,773.01	\$ 13,773.01	\$ 13,773.01		CONWR_AUS_GDOTSCOSTS_001189 - 001189
185	Conestoga-Rovers & Associates	1/31/2008	151297	031756	GW Resampling Activities	\$ 646.92	Groundwater resampling activities conducted at the Crab Orchard Site during Stage 2B.	CONWR_AUS_GDOTSCOSTS_001194 - 001196	Stage 2B - GW Resampling Activities	\$ 646.92	\$ 646.92	\$ 646.92		CONWR_AUS_GDOTSCOSTS_001197 - 001199
179	Conestoga-Rovers & Associates	1/31/2008	151298	031756	GW Resampling Activities (ARI)	\$ 1,634.84	Groundwater resampling activities conducted at the Crab Orchard Site during Stage 2B.	CONWR_AUS_GDOTSCOSTS_001200 - 001203	Stage 2B - GW Resampling Activities (ARI)	\$ 1,634.84	\$ 1,634.84	\$ 1,634.84		CONWR_AUS_GDOTSCOSTS_001204 - 001206
181	Conestoga-Rovers & Associates	1/31/2008	151408	031756	General Dynamics - Crab Orchard	\$ 66,151.59	Phase I Stage 2B - Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_001160 - 001188	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 66,151.59	\$ 66,151.59	\$ 66,151.59		CONWR_AUS_GDOTSCOSTS_001189 - 001189
182	Conestoga-Rovers & Associates	1/31/2008	151413-151406	031756	General Dynamics - Crab Orchard	\$ 13,640.00	One-time lump sum charge for surveying mobilization and ongoing charges for the additional sediment/surface water surveying.	CONWR_AUS_GDOTSCOSTS_001190 - 001192	Surveying Mobilization	\$ 1,240.00	\$ 1,240.00	\$ 1,240.00		CONWR_AUS_GDOTSCOSTS_001193 - 001193
182	Conestoga-Rovers & Associates	1/31/2008	151413-151406	031756	General Dynamics - Crab Orchard	\$ 13,640.00	One-time lump sum charge for surveying mobilization and ongoing charges for the additional sediment/surface water surveying.	CONWR_AUS_GDOTSCOSTS_001190 - 001192	Phase I Stage 2B - Sediment/Surface Water Surveying at various Additional and Uncharacterized Sites Operable Units	\$ 12,400.00	\$ 12,400.00	\$ 12,400.00		CONWR_AUS_GDOTSCOSTS_001193 - 001193
184	Conestoga-Rovers & Associates	2/19/2008	152966	031756	General Dynamics - Crab Orchard	\$ 10,375.00	Phase I Stage 2B - Remedial Investigation and Technical Assistance	CONWR_AUS_GDOTSCOSTS_001207 - 001231	Field investigation at various Additional and Uncharacterized Sites Operable Units	\$ 10,375.00	\$ 10,375.00	\$ 10,375.00		CONWR_AUS_GDOTSCOSTS_001232 - 001232
183	Conestoga-Rovers & Associates	2/19/2008	153022	031756	General Dynamics - Crab Orchard	\$ 38,521.56	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001207 - 001231	Stage 2B Work - Daily, Weekly and Monthly Reporting	\$ 924.50	\$ 924.50	\$ 924.50		CONWR_AUS_GDOTSCOSTS_001232 - 001232
183	Conestoga-Rovers & Associates	2/19/2008	153022	031756	General Dynamics - Crab Orchard	\$ 38,521.56	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001207 - 001231	Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)	\$ 9,326.76	\$ 9,326.76	\$ 9,326.76		CONWR_AUS_GDOTSCOSTS_001232 - 001232
183	Conestoga-Rovers & Associates	2/19/2008	153022	031756	General Dynamics - Crab Orchard	\$ 38,521.56	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001207 - 001231	Stage 2B Work - Preliminary Site Characterization	\$ 19,163.79	\$ 19,163.79	\$ 19,163.79		CONWR_AUS_GDOTSCOSTS_001232 - 001232
183	Conestoga-Rovers & Associates	2/19/2008	153022	031756	General Dynamics - Crab Orchard	\$ 38,521.56	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001207 - 001231	Stage 2B Work - Project Management & Coordination	\$ 9,106.51	\$ 9,106.51	\$ 9,106.51		CONWR_AUS_GDOTSCOSTS_001232 - 001232
187	Conestoga-Rovers & Associates	3/17/2008	155870-155871	031756	General Dynamics - Crab Orchard	\$ 3,240.00	Lump sum charges for mobilization/demobilization and ATV rental for the additional sediment/surface water surveying.	CONWR_AUS_GDOTSCOSTS_001242 - 001243	[Unknown Charge]	\$ 1,000.00	\$ 1,000.00	\$ -		CONWR_AUS_GDOTSCOSTS_001244 - 001244
187	Conestoga-Rovers & Associates	3/17/2008	155870-155871	031756	General Dynamics - Crab Orchard	\$ 3,240.00	Lump sum charges for mobilization/demobilization and ATV rental for the additional sediment/surface water surveying.	CONWR_AUS_GDOTSCOSTS_001242 - 001243	Surveying Mobilization/Demobilization (lump sum)	\$ 1,240.00	\$ 1,240.00	\$ 1,240.00		CONWR_AUS_GDOTSCOSTS_001244 - 001244
187	Conestoga-Rovers & Associates	3/17/2008	155870-155871	031756	General Dynamics - Crab Orchard	\$ 3,240.00	Lump sum charges for mobilization/demobilization and ATV rental for the additional sediment/surface water surveying.	CONWR_AUS_GDOTSCOSTS_001242 - 001243	ATV Rental (lump sum)	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00		CONWR_AUS_GDOTSCOSTS_001244 - 001244
186	Conestoga-Rovers & Associates	3/18/2008	156006	031756	General Dynamics - Crab Orchard	\$ 14,379.04	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001233 - 001240	Stage 2B Work - Preliminary Site Characterization	\$ 9,361.04	\$ 9,361.04	\$ 9,361.04		CONWR_AUS_GDOTSCOSTS_001241 - 001241
186	Conestoga-Rovers & Associates	3/18/2008	156006	031756	General Dynamics - Crab Orchard	\$ 14,379.04	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001233 - 001240	Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)	\$ 387.00	\$ 387.00	\$ 387.00		CONWR_AUS_GDOTSCOSTS_001241 - 001241
186	Conestoga-Rovers & Associates	3/18/2008	156006	031756	General Dynamics - Crab Orchard	\$ 14,379.04	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001233 - 001240	Stage 2B Work - Project Management & Coordination	\$ 4,631.00	\$ 4,631.00	\$ 4,631.00		CONWR_AUS_GDOTSCOSTS_001241 - 001241
188	Conestoga-Rovers & Associates	4/15/2008	158687	031756	General Dynamics - Crab Orchard	\$ 22,194.03	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001245 - 001252	Stage 2B Work - Preliminary Site Characterization	\$ 17,679.50	\$ 17,679.50	\$ 17,679.50		CONWR_AUS_GDOTSCOSTS_001253 - 001253
188	Conestoga-Rovers & Associates	4/15/2008	158687	031756	General Dynamics - Crab Orchard	\$ 22,194.03	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001245 - 001252	Stage 2B Work - Project Management & Coordination	\$ 3,071.77	\$ 3,071.77	\$ 3,071.77		CONWR_AUS_GDOTSCOSTS_001253 - 001253
188	Conestoga-Rovers & Associates	4/15/2008	158687	031756	General Dynamics - Crab Orchard	\$ 22,194.03	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001245 - 001252	Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)	\$ 1,442.76	\$ 1,442.76	\$ 1,442.76		CONWR_AUS_GDOTSCOSTS_001253 - 001253
189	Conestoga-Rovers & Associates	5/16/2008	162588	031756	General Dynamics - Crab Orchard	\$ 10,438.55	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001254 - 001260	Stage 2B Work - Preliminary Site Characterization	\$ 9,319.38	\$ 9,319.38	\$ 9,319.38		CONWR_AUS_GDOTSCOSTS_001261 - 001261

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
													Amount	
Nathan Invoice	189	Conestoga-Rovers & Associates	5/16/2008	162588	031756	General Dynamics - Crab Orchard	\$ 10,438.55	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001254 - 001260	Stage 2B Work - Project Management & Coordination	\$ 1,094.17	\$ 1,094.17	\$ 1,094.17	CONWR_AUS_GDOTSCOSTS_001261 - 001261
	189	Conestoga-Rovers & Associates	5/16/2008	162588	031756	General Dynamics - Crab Orchard	\$ 10,438.55	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001254 - 001260	Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)	\$ 25.00	\$ 25.00	\$ 25.00	CONWR_AUS_GDOTSCOSTS_001261 - 001261
	190	Conestoga-Rovers & Associates	6/6/2008	164500	031756	General Dynamics - Crab Orchard	\$ 498.61	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001262 - 001267	Stage 2B Work - Project Management & Coordination	\$ 409.98	\$ 409.98	\$ 409.98	CONWR_AUS_GDOTSCOSTS_001268 - 001268
	190	Conestoga-Rovers & Associates	6/6/2008	164500	031756	General Dynamics - Crab Orchard	\$ 498.61	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001262 - 001267	Stage 2B Work - Ongoing Expenses (Mobilization/Demobilization)	\$ (14.89)	\$ (14.89)	\$ (14.89)	CONWR_AUS_GDOTSCOSTS_001268 - 001268
	190	Conestoga-Rovers & Associates	6/6/2008	164500	031756	General Dynamics - Crab Orchard	\$ 498.61	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001262 - 001267	Stage 2B Work - Preliminary Site Characterization	\$ 103.52	\$ 103.52	\$ 103.52	CONWR_AUS_GDOTSCOSTS_001268 - 001268
	191	Conestoga-Rovers & Associates	7/16/2008	168635	031756	General Dynamics - Crab Orchard	\$ 4,270.41	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001269 - 001274	Stage 2B Work - Project Management & Coordination	\$ 1,869.91	\$ 1,869.91	\$ 1,869.91	CONWR_AUS_GDOTSCOSTS_001275 - 001275
	191	Conestoga-Rovers & Associates	7/16/2008	168635	031756	General Dynamics - Crab Orchard	\$ 4,270.41	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001269 - 001274	Stage 2B Work - Preliminary Site Characterization	\$ 2,400.50	\$ 2,400.50	\$ 2,400.50	CONWR_AUS_GDOTSCOSTS_001275 - 001275
	192	Conestoga-Rovers & Associates	8/19/2008	173321	031756	General Dynamics - Crab Orchard	\$ 6,108.44	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001276 - 001281	Stage 2B Work - Project Management & Coordination	\$ 1,455.00	\$ 1,455.00	\$ 1,455.00	CONWR_AUS_GDOTSCOSTS_001282 - 001282
	192	Conestoga-Rovers & Associates	8/19/2008	173321	031756	General Dynamics - Crab Orchard	\$ 6,108.44	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001276 - 001281	Stage 2B Work - Preliminary Site Characterization	\$ 4,653.44	\$ 4,653.44	\$ 4,653.44	CONWR_AUS_GDOTSCOSTS_001282 - 001282
	193	Conestoga-Rovers & Associates	9/15/2008	175159	031756	General Dynamics - Crab Orchard	\$ 7,847.11	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001283 - 001288	Stage 2B Work - Preliminary Site Characterization	\$ 7,571.18	\$ 7,571.18	\$ 7,571.18	CONWR_AUS_GDOTSCOSTS_001289 - 001289
	193	Conestoga-Rovers & Associates	9/15/2008	175159	031756	General Dynamics - Crab Orchard	\$ 7,847.11	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001283 - 001288	Stage 2B Work - Project Management & Coordination	\$ 275.93	\$ 275.93	\$ 275.93	CONWR_AUS_GDOTSCOSTS_001289 - 001289
	194	Conestoga-Rovers & Associates	10/16/2008	178905	031756	General Dynamics - Crab Orchard	\$ 4,354.10	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001290 - 001295	Stage 2B Work - Project Management & Coordination	\$ 1,224.88	\$ 1,224.88	\$ 1,224.88	CONWR_AUS_GDOTSCOSTS_001296 - 001296
	194	Conestoga-Rovers & Associates	10/16/2008	178905	031756	General Dynamics - Crab Orchard	\$ 4,354.10	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001290 - 001295	Stage 2B Work - Preliminary Site Characterization	\$ 3,129.22	\$ 3,129.22	\$ 3,129.22	CONWR_AUS_GDOTSCOSTS_001296 - 001296
	195	Conestoga-Rovers & Associates	11/7/2008	181836	031756	General Dynamics - Crab Orchard	\$ 1,244.65	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001297 - 001301	Stage 2B Work - Preliminary Site Characterization	\$ 996.96	\$ 996.96	\$ 996.96	CONWR_AUS_GDOTSCOSTS_001302 - 001302
	195	Conestoga-Rovers & Associates	11/7/2008	181836	031756	General Dynamics - Crab Orchard	\$ 1,244.65	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001297 - 001301	Stage 2B Work - Project Management & Coordination	\$ 247.69	\$ 247.69	\$ 247.69	CONWR_AUS_GDOTSCOSTS_001302 - 001302
	196	Conestoga-Rovers & Associates	12/9/2008	184962	031756	General Dynamics - Crab Orchard	\$ 1,378.66	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001303 - 001307	Stage 2B Work - Project Management & Coordination	\$ 124.86	\$ 124.86	\$ 124.86	CONWR_AUS_GDOTSCOSTS_001308 - 001308
	196	Conestoga-Rovers & Associates	12/9/2008	184962	031756	General Dynamics - Crab Orchard	\$ 1,378.66	Phase I Stage 2B - CONWR RI	CONWR_AUS_GDOTSCOSTS_001303 - 001307	Stage 2B Work - Preliminary Site Characterization	\$ 1,253.80	\$ 1,253.80	\$ 1,253.80	CONWR_AUS_GDOTSCOSTS_001308 - 001308
	199	ELM Consulting LLC	10/28/2002	2	00-0082-01	Crab Orchard	\$ 19,700.26	Consulting service.	CONWR_AUS_GDOTSCOSTS_001309 - 001321	Labor and Reimbursable Expenses	\$ 19,700.26	\$ 19,700.26	\$ 19,700.26	CONWR_AUS_GDOTSCOSTS_001322 - 001322
	200	ELM Consulting LLC	12/6/2002	4	00-0082-01	Crab Orchard	\$ 26,449.88	Consulting service.	CONWR_AUS_GDOTSCOSTS_001323 - 001338	Labor and Reimbursable Expenses	\$ 26,449.88	\$ 26,449.88	\$ 26,449.88	CONWR_AUS_GDOTSCOSTS_001339 - 001340
	202	ELM Consulting LLC	12/17/2002	6	00-0082-01	Crab Orchard	\$ 297.44	Consulting service.	CONWR_AUS_GDOTSCOSTS_001341 - 001349	Reimbursable Expenses	\$ 297.44	\$ 286.00	\$ 286.00	CONWR_AUS_GDOTSCOSTS_001348 - 001349
	203	ELM Consulting LLC	1/6/2003	7	00-0082-01	Crab Orchard	\$ 19,869.25	Consulting service.	CONWR_AUS_GDOTSCOSTS_001350 - 001366	Labor and Reimbursable Expenses	\$ 19,869.25	\$ 19,869.25	\$ 19,869.25	CONWR_AUS_GDOTSCOSTS_001367 - 001367
	201	ELM Consulting LLC	1/30/2003	[20030130]			\$ 4,899.70	[Invoice not located; Services defined from additional supporting documents.]	2020OLINCOS_0043940 - 0043940	Total	\$ 4,899.70	\$ 4,899.70	\$ 4,899.70	CONWR_AUS_GDOTSCOSTS_001348 - 001349
	204	ELM Consulting LLC	2/3/2003	8	00-0082-01	Crab Orchard	\$ 35,583.95	Consulting service.	CONWR_AUS_GDOTSCOSTS_001368 - 001372	Work plan preparation.	\$ 1,170.00	\$ 1,170.00	\$ 1,170.00	CONWR_AUS_GDOTSCOSTS_001367 - 001367
	204	ELM Consulting LLC	2/3/2003	8	00-0082-01	Crab Orchard	\$ 35,583.95	Consulting service.	CONWR_AUS_GDOTSCOSTS_001368 - 001372	Site strategic management.	\$ 33,243.95	\$ 33,243.95	\$ 33,243.95	CONWR_AUS_GDOTSCOSTS_001367 - 001367
	204	ELM Consulting LLC	2/3/2003	8	00-0082-01	Crab Orchard	\$ 35,583.95	Consulting service.	CONWR_AUS_GDOTSCOSTS_001368 - 001372	Eco-working group.	\$ 1,170.00	\$ 1,170.00	\$ 1,170.00	CONWR_AUS_GDOTSCOSTS_001367 - 001367
	205	ELM Consulting LLC	3/3/2003	9	00-0082-01	Crab Orchard	\$ 49,347.38	Consulting service.	CONWR_AUS_GDOTSCOSTS_001374 - 001404	Site Strategic Management, Eco-Working Group, Work Plan Preparation	\$ 49,347.38	\$ 49,347.38	\$ 49,347.38	CONWR_AUS_GDOTSCOSTS_001405 - 001405
	207	ELM Consulting LLC	4/1/2003	10	00-0082-01	Crab Orchard	\$ 60,387.20	Consulting service.	CONWR_AUS_GDOTSCOSTS_001406 - 001427	Site strategic management	\$ 4,256.06	\$ 4,256.06	\$ 4,256.06	CONWR_AUS_GDOTSCOSTS_001428 - 001428
	207	ELM Consulting LLC	4/1/2003	10	00-0082-01	Crab Orchard	\$ 60,387.20	Consulting service.	CONWR_AUS_GDOTSCOSTS_001406 - 001427	Work plan preparation	\$ 48,388.60	\$ 48,388.60	\$ 48,388.60	CONWR_AUS_GDOTSCOSTS_001428 - 001428
	207	ELM Consulting LLC	4/1/2003	10	00-0082-01	Crab Orchard	\$ 60,387.20	Consulting service.	CONWR_AUS_GDOTSCOSTS_001406 - 001427	Eco-working group	\$ 7,742.54	\$ 7,742.54	\$ 7,742.54	CONWR_AUS_GDOTSCOSTS_001428 - 001428
	206	ELM Consulting LLC	4/30/2003	11	00-0082-01	Crab Orchard	\$ 45,138.45	Consulting service.	CONWR_AUS_GDOTSCOSTS_001429 - 001448	Site strategic management	\$ 17,612.30	\$ 17,612.30	\$ 17,612.30	CONWR_AUS_GDOTSCOSTS_001449 - 001449
	206	ELM Consulting LLC	4/30/2003	11	00-0082-01	Crab Orchard	\$ 45,138.45	Consulting service.	CONWR_AUS_GDOTSCOSTS_001429 - 001448	Eco-working group	\$ 6,503.01	\$ 6,503.01	\$ 6,503.01	CONWR_AUS_GDOTSCOSTS_001449 - 001449
	206	ELM Consulting LLC	4/30/2003	11	00-0082-01	Crab Orchard	\$ 45,138.45	Consulting service.	CONWR_AUS_GDOTSCOSTS_001429 - 001448	Work plan preparation	\$ 21,023.14	\$ 21,023.14	\$ 21,023.14	CONWR_AUS_GDOTSCOSTS_001449 - 001449
	208	ELM Consulting LLC	6/2/2003	12	00-0082-01	Crab Orchard	\$ 41,412.23	Consulting service.	CONWR_AUS_GDOTSCOSTS_001450 - 001457	Site strategic management	\$ 12,918.83	\$ 12,918.83	\$ 12,918.83	CONWR_AUS_GDOTSCOSTS_001428 - 001428
	208	ELM Consulting LLC	6/2/2003	12	00-0082-01	Crab Orchard	\$ 41,412.23	Consulting service.	CONWR_AUS_GDOTSCOSTS_001450 - 001457	Work plan preparation	\$ 26,673.40	\$ 26,673.40	\$ 26,673.40	CONWR_AUS_GDOTSCOSTS_001428 - 001428
	208	ELM Consulting LLC	6/2/2003	12	00-0082-01	Crab Orchard	\$ 41,412.23	Consulting service.	CONWR_AUS_GDOTSCOSTS_001450 - 001457	Eco-working group	\$ 1,820.00	\$ 1,820.00	\$ 1,820.00	CONWR_AUS_GDOTSCOSTS_001428 - 001428
	209	ELM Consulting LLC	7/2/2003	13	00-0082-01	Crab Orchard	\$ 59,049.71	Consulting service.	CONWR_AUS_GDOTSCOSTS_001459 - 001477	Site strategic management	\$ 1,872.00	\$ 1,872.00	\$ 1,872.00	CONWR_AUS_GDOTSCOSTS_001478 - 001478
	209	ELM Consulting LLC	7/2/2003	13	00-0082-01	Crab Orchard	\$ 59,049.71	Consulting service.	CONWR_AUS_GDOTSCOSTS_001459 - 001477	Work plan preparation	\$ 57,177.71	\$ 57,177.71	\$ 57,177.71	CONWR_AUS_GDOTSCOSTS_001478 - 001478
	210	ELM Consulting LLC	7/31/2003	14	00-0082-01	Crab Orchard	\$ 62,072.20	Consulting service.	CONWR_AUS_GDOTSCOSTS_001479 - 001487	Work plan preparation	\$ 62,072.20	\$ 62,072.20	\$ 62,072.20	CONWR_AUS_GDOTSCOSTS_001478 - 001478
	211	ELM Consulting LLC	9/2/2003	15	00-0082-01	Crab Orchard	\$ 19,165.04	Consulting service.	CONWR_AUS_GDOTSCOSTS_001489 - 001496	Work plan preparation	\$ 12,535.73	\$ 12,535.73	\$ 12,535.73	CONWR_AUS_GDOTSCOSTS_001478 - 001478
	211	ELM Consulting LLC	9/2/2003	15	00-0082-01	Crab Orchard	\$ 19,165.04	Consulting service.	CONWR_AUS_GDOTSCOSTS_001489 - 001496	Eco-working group	\$ 78.00	\$ 78.00	\$ 78.00	CONWR_AUS_GDOTSCOSTS_001478 - 001478
	211	ELM Consulting LLC	9/2/2003	15	00-0082-01	Crab Orchard	\$ 19,165.04	Consulting service.	CONWR_AUS_GDOTSCOSTS_001489 - 001496	Site strategic management	\$ 6,551.31	\$ 6,551.31	\$ 6,551.31	CONWR_AUS_GDOTSCOSTS_001478 - 001478
	212	ELM Consulting LLC	10/6/2003	16	00-0082-01	Crab Orchard	\$ 21,377.98	Consulting service.	CONWR_AUS_GDOTSCOSTS_001498 - 001511	Work plan preparation	\$ 15,933.58	\$ 15,933.58	\$ 15,933.58	CONWR_AUS_GDOTSCOSTS_001478 - 001478
	212	ELM Consulting LLC	10/6/2003	16	00-0082-01	Crab Orchard	\$ 21,377.98	Consulting service.	CONWR_AUS_GDOTSCOSTS_001498 - 001511	Site strategic management	\$ 5,444.40	\$ 5,444.40	\$ 5,444.40	CONWR_AUS_GDOTSCOSTS_001478 - 001478
	213	ELM Consulting LLC	11/3/2003	17	00-0082-01	Crab Orchard	\$ 2,060.11	Consulting service.	CONWR_AUS_GDOTSCOSTS_001513 - 001522	Site strategic management and work plan preparation	\$ 2,060.11	\$ 2,060.11	\$ 2,060.11	CONWR_AUS_GDOTSCOSTS_001523 - 001523

Invoice Database													
Nathan Invoice													
ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation Bates Number
214	ELM Consulting LLC	12/31/2003	18	00-0082-01	Crab Orchard	\$ 20,618.80	Consulting service.	CONWR_AUS_GDOTSCOSTS_001524 - 001529	Site strategic management	\$ 20,618.80	\$ 20,619.07	\$ 20,619.07	CONWR_AUS_GDOTSCOSTS_001523 - 001523
215	ELM Consulting LLC	2/3/2004	19	00-0082-01	Crab Orchard	\$ 44,797.91	Consulting service.	CONWR_AUS_GDOTSCOSTS_001531 - 001542	Site strategic management - work plan revisions	\$ 44,797.91	\$ 44,798.37	\$ 44,798.37	CONWR_AUS_GDOTSCOSTS_001523 - 001523
216	ELM Consulting LLC	3/3/2004	20	00-0082-01	Crab Orchard	\$ 37,692.62	Consulting service.	CONWR_AUS_GDOTSCOSTS_001544 - 001555	Site strategic management - work plan revisions	\$ 37,692.62	\$ 37,692.87	\$ 37,692.87	CONWR_AUS_GDOTSCOSTS_001523 - 001523
217	ELM Consulting LLC	3/31/2004	21	00-0082-01	Crab Orchard	\$ 24,551.82	Consulting service.	CONWR_AUS_GDOTSCOSTS_001557 - 001566	Site strategic management - work plan revisions	\$ 24,551.82	\$ 24,551.82	\$ 24,551.82	CONWR_AUS_GDOTSCOSTS_001567 - 001567
218	ELM Consulting LLC	5/5/2004	22	00-0082-01	Crab Orchard	\$ 8,301.80	Consulting service.	CONWR_AUS_GDOTSCOSTS_001568 - 001571	Site strategic management - work plan revisions	\$ 8,301.80	\$ 8,301.80	\$ 8,301.80	CONWR_AUS_GDOTSCOSTS_001567 - 001567
219	ELM Consulting LLC	6/3/2004	23	00-0082-01	Crab Orchard	\$ 8,965.28	Consulting service.	CONWR_AUS_GDOTSCOSTS_001573 - 001579	Site strategic management - work plan revisions	\$ 8,965.28	\$ 8,965.28	\$ 8,965.28	CONWR_AUS_GDOTSCOSTS_001580 - 001580
220	ELM Consulting LLC	6/25/2004	24	00-0082-01	Crab Orchard	\$ 3,335.80	Consulting service.	CONWR_AUS_GDOTSCOSTS_001581 - 001585	Site strategic management - work plan revisions	\$ 3,335.80	\$ 3,335.80	\$ 3,335.80	CONWR_AUS_GDOTSCOSTS_001586 - 001586
222	ELM Consulting LLC	8/5/2004	25	00-0082-01	Crab Orchard	\$ 5,187.00	Consulting service.	CONWR_AUS_GDOTSCOSTS_001587 - 001591	Site strategic management - work plan revisions	\$ 5,187.00	\$ 5,187.00	\$ 5,187.00	CONWR_AUS_GDOTSCOSTS_001592 - 001592
224	ELM Consulting LLC	9/1/2004	26	00-0082-01	Crab Orchard	\$ 8,834.80	Consulting service.	CONWR_AUS_GDOTSCOSTS_001593 - 001597	Site strategic management - work plan revisions	\$ 8,834.80	\$ 8,834.80	\$ 8,834.80	CONWR_AUS_GDOTSCOSTS_001598 - 001598
221	ELM Consulting LLC	9/29/2004	27	00-0082-01	Crab Orchard	\$ 4,048.20	Consulting service.	CONWR_AUS_GDOTSCOSTS_001599 - 001602	RI Implementation	\$ 4,048.20	\$ 4,048.20	\$ 4,048.20	CONWR_AUS_GDOTSCOSTS_001603 - 001603
223	ELM Consulting LLC	11/5/2004	28	00-0082-01	Crab Orchard	\$ 2,321.80	Consulting service.	CONWR_AUS_GDOTSCOSTS_001604 - 001608	Site strategic management - RI Implementation	\$ 2,321.80	\$ 2,321.80	\$ 2,321.80	CONWR_AUS_GDOTSCOSTS_001592 - 001592
225	ELM Consulting LLC	12/8/2004	29	00-0082-01	Crab Orchard	\$ 1,905.80	Consulting service.	CONWR_AUS_GDOTSCOSTS_001610 - 001614	Site strategic management - RI implementation, work plan revisions	\$ 1,905.80	\$ 1,905.80	\$ 1,905.80	CONWR_AUS_GDOTSCOSTS_001615 - 001615
226	ELM Consulting LLC	12/31/2004	30	00-0082	Crab Orchard	\$ 1,734.20	Consulting service.	CONWR_AUS_GDOTSCOSTS_001616 - 001620	Site strategic management - RI implementation, work plan revisions	\$ 1,734.20	\$ 1,734.20	\$ 1,734.20	CONWR_AUS_GDOTSCOSTS_001615 - 001615
227	ELM Consulting LLC	2/7/2005	31	00-0082-01	Crab Orchard	\$ 2,069.60	Consulting service.	CONWR_AUS_GDOTSCOSTS_001622 - 001626	Site strategic management - Work plan revisions	\$ 2,069.60	\$ 2,069.60	\$ 2,069.60	CONWR_AUS_GDOTSCOSTS_001615 - 001615
228	ELM Consulting LLC	3/3/2005	32	00-0082-01	Crab Orchard	\$ 667.40	Consulting service.	CONWR_AUS_GDOTSCOSTS_001628 - 001632	Site strategic management - Work plan revisions	\$ 667.40	\$ 667.40	\$ 667.40	CONWR_AUS_GDOTSCOSTS_001633 - 001633
229	ELM Consulting LLC	4/8/2005	33	00-0082-01	Crab Orchard	\$ 10,704.20	Consulting service.	CONWR_AUS_GDOTSCOSTS_001634 - 001638	Site strategic management - RI implementation, work plan revisions	\$ 10,704.20	\$ 10,704.20	\$ 10,704.20	CONWR_AUS_GDOTSCOSTS_001633 - 001633
230	ELM Consulting LLC	5/5/2005	34	00-0082-01	Crab Orchard	\$ 15,126.10	Consulting service.	CONWR_AUS_GDOTSCOSTS_001640 - 001652	Site strategic management - work plan revisions	\$ 15,126.10	\$ 15,126.10	\$ 15,126.10	CONWR_AUS_GDOTSCOSTS_001633 - 001633
231	ELM Consulting LLC	6/2/2005	35	00-0082	Crab Orchard	\$ 26,191.17	Consulting service.	CONWR_AUS_GDOTSCOSTS_001654 - 001673	Site strategic management - work plan revisions	\$ 26,191.17	\$ 26,191.17	\$ 26,191.17	CONWR_AUS_GDOTSCOSTS_001674 - 001674
232	ELM Consulting LLC	7/7/2005	36	00-0082	Crab Orchard	\$ 13,305.88	Consulting service.	CONWR_AUS_GDOTSCOSTS_001675 - 001686	Site strategic management - work plan revisions	\$ 13,305.88	\$ 13,305.88	\$ 13,305.88	CONWR_AUS_GDOTSCOSTS_001674 - 001674
233	ELM Consulting LLC	8/4/2005	37	00-0082	Crab Orchard	\$ 6,094.17	Consulting service.	CONWR_AUS_GDOTSCOSTS_001688 - 001693	NRDA, Work plan revisions	\$ 6,094.17	\$ 6,094.17	\$ 6,094.17	CONWR_AUS_GDOTSCOSTS_001694 - 001694
234	ELM Consulting LLC	9/12/2005	38	00-0082	Crab Orchard	\$ 10,236.14	Consulting service.	CONWR_AUS_GDOTSCOSTS_001695 - 001702	Site strategic management - work plan revisions	\$ 10,236.14	\$ 10,236.14	\$ 10,236.14	CONWR_AUS_GDOTSCOSTS_001703 - 001703
297	ERG - Project Management	1/11/2018	[5550111]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
298	ERG - Project Management	2/13/2018	[5550213]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
299	ERG - Project Management	3/6/2018	[5550306]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
300	ERG - Project Management	4/12/2018	[5550412]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
301	ERG - Project Management	5/16/2018	[5550516]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
302	ERG - Project Management	6/11/2018	[5550611]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
303	ERG - Project Management	7/19/2018	[5550719]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
304	ERG - Project Management	8/3/2018	[5550803]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
305	ERG - Project Management	9/12/2018	[5550912]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
306	ERG - Project Management	10/9/2018	[5551009]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
307	ERG - Project Management	11/13/2018	[5551113]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
308	ERG - Project Management	12/6/2018	[5551206]			\$ 833.00	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.00	\$ 833.00	\$ -	2020OLINCOS_0039229 - 0039229
309	ERG - Project Management	1/10/2019	[5550119]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	
310	ERG - Project Management	2/8/2019	[5550210]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	
311	ERG - Project Management	3/25/2019	[5550325]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	
312	ERG - Project Management	4/30/2019	[5550430]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	2020OLINCOS_0039231 - 0039231
313	ERG - Project Management	5/13/2019	[5550513]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	2020OLINCOS_0039231 - 0039231
314	ERG - Project Management	6/24/2019	[5550624]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	2020OLINCOS_0039231 - 0039231
315	ERG - Project Management	7/10/2019	[5550710]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	2020OLINCOS_0039244 - 0039244
316	ERG - Project Management	8/31/2019	[5550831]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	2020OLINCOS_0039244 - 0039244
317	ERG - Project Management	9/20/2019	[5550920]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	2020OLINCOS_0039244 - 0039244
318	ERG - Project Management	10/15/2019	[5551015]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	
319	ERG - Project Management	11/14/2019	[5551114]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	
320	ERG - Project Management	12/3/2019	[5551203]			\$ 1,666.67	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,666.67	\$ 1,666.67	\$ -	
321	ERG - Project Management	1/29/2020	[5550129]			\$ 833.33	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.33	\$ 833.33	\$ -	2020OLINCOS_0039254 - 0039254
322	ERG - Project Management	2/12/2020	[5550212]			\$ 833.33	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.33	\$ 833.33	\$ -	2020OLINCOS_0039254 - 0039254
323	ERG - Project Management	3/13/2020	[5550313]			\$ 833.33	[Scope of services unknown]	2020OLINCOS_0043940 - 0043940	Total	\$ 833.33	\$ 833.33	\$ -	2020OLINCOS_0039254 - 0039254
5	ERG - Travel	3/7/2018	EE738725A23C43F485E3			\$ 62.37	Curtis M. Richards Travel Expenses	2020OLINCOS_0039335 - 0039348	Business Meals - White Sox Sports	\$ 44.69	\$ 44.69	\$ -	2020OLINCOS_0039229 - 0039229
5	ERG - Travel	3/7/2018	EE738725A23C43F485E3			\$ 62.37	Curtis M. Richards Travel Expenses	2020OLINCOS_0039335 - 0039348	Individual Meals - True Burger	\$ 17.68	\$ 17.68	\$ -	2020OLINCOS_0039229 - 0039229
1	ERG - Travel	3/7/2018	EE738725A23C43F485E3			\$ 10.90	Curtis M. Richards Travel Expenses	2020OLINCOS_0039335 - 0039348	Personal Car Mileage	\$ 10.90	\$ 10.90	\$ -	2020OLINCOS_0039229 - 0039229
2	ERG - Travel	3/7/2018	EE738725A23C43F485E3			\$ 1,109.83	Curtis M. Richards Travel Expenses	2020OLINCOS_0039335 - 0039348	Airfare, Airline Fees, Hotel, Parking, Public Transport and Taxi	\$ 1,109.83	\$ 1,109.83	\$ -	2020OLINCOS_0039229 - 0039229
4	ERG - Travel	5/2/2018	A8279F8C47O34F75B1FC			\$ 1,877.51	Curtis M. Richards Travel Expenses	2020OLINCOS_0039322 - 0039334	Airfare, Airline Fees, Hotel, Parking and Taxi Fees	\$ 1,877.51	\$ 1,877.51	\$ -	2020OLINCOS_0039229 - 0039229
3	ERG - Travel	5/2/2018	A8279F8C47O34F75B1FC			\$ 10.90	Curtis M. Richards Travel Expenses	2020OLINCOS_0039322 - 0039334	Personal Car Mileage	\$ 10.90	\$ 10.90	\$ -	2020OLINCOS_0039229 - 0039229

Invoice Database													
Nathan Invoice													
ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation Bates Number
6	ERG - Travel	5/2/2018	A8279F8C47O34F75 B1FC			\$ 14.68	Curtis M. Richards Travel Expenses	2020OLINCOS_0039322 - 0039334	Individual Meals - True Burger	\$ 14.68	\$ 14.68	\$ -	2020OLINCOS_0039229 - 0039229
324	Gnarus Advisors, LLC	4/30/2013	2184	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	\$ 5,162.50	Professional Services	CONWR_AUS_GDOTSCOSTS_010149 - 010151	Review and analysis of FWS FY09 claim	\$ 5,162.50	\$ 5,162.50	\$ 5,162.50	CONWR_AUS_GDOTSCOSTS_010152 - 010152
325	Gnarus Advisors, LLC	10/31/2013	2495	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	\$ 3,587.50	Professional Services	CONWR_AUS_GDOTSCOSTS_010153 - 010155	Review and analysis of FWS FY10 claim	\$ 3,587.50	\$ 3,587.50	\$ 3,587.50	CONWR_AUS_GDOTSCOSTS_010159 - 010159
326	Gnarus Advisors, LLC	1/31/2014	2669	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	\$ 4,112.50	Professional Services	CONWR_AUS_GDOTSCOSTS_010157 - 010158	Review of FWS FY 2011 claim	\$ 4,112.50	\$ 4,112.50	\$ 4,112.50	CONWR_AUS_GDOTSCOSTS_010159 - 010159
327	Gnarus Advisors, LLC	4/30/2015	3608	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	\$ 3,762.50	Professional Services	CONWR_AUS_GDOTSCOSTS_010160 - 010161	Review of FWS FY 2013 claim	\$ 3,762.50	\$ 3,150.00	\$ 3,150.00	CONWR_AUS_GDOTSCOSTS_010162 - 010162
328	Gnarus Advisors, LLC	12/31/2015	4151	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	\$ 2,187.50	Professional Services	CONWR_AUS_GDOTSCOSTS_012210 - 012212	Review of FY 2014 FWS claim	\$ 2,187.50	\$ 2,187.50	\$ 2,187.50	CONWR_AUS_GDOTSCOSTS_012213 - 012213
329	Gnarus Advisors, LLC	1/31/2016	4203	CONWRSI-13013.00	Crab Orchard National Wildlife Refuge	\$ 622.25	Professional Services and Reimbursable Expenses	CONWR_AUS_GDOTSCOSTS_012214 - 012216	Review of FY 2014 FWS claim	\$ 622.25	\$ 622.25	\$ 622.25	CONWR_AUS_GDOTSCOSTS_012217 - 012217
330	Intesa Sanpaolo S.p.A.	8/21/2009	[20090821]			\$ 8,525.00	Charges due under letter of credit number 093084-793 for the period 4/30/2009 - 6/30/2009.	CONWR_AUS_GDOTSCOSTS_011776 - 011782	Commission	\$ 8,525.00	\$ 8,525.00	\$ 8,525.00	2020OLINCOS_0058810 - 0058892
331	Intesa Sanpaolo S.p.A.	11/16/2009	[20091116]			\$ 12,650.00	Charges due under letter of credit number 093084-793 for the period 7/1/2009 - 9/30/2009.	CONWR_AUS_GDOTSCOSTS_011776 - 011782	Commission	\$ 12,650.00	\$ 12,650.00	\$ 12,650.00	2020OLINCOS_0058810 - 0058892
332	Intesa Sanpaolo S.p.A.	2/3/2010	[20100203]			\$ 12,650.00	Charges due under letter of credit number 093084-793 for the period 10/1/2009 -12/31/2009.	CONWR_AUS_GDOTSCOSTS_011783 - 011794	Commission	\$ 12,650.00	\$ 12,650.00	\$ 12,650.00	2020OLINCOS_0058810 - 0058892
333	Intesa Sanpaolo S.p.A.	4/19/2010	[20100419 A]			\$ 9,625.00	Charges due under letter of credit number 093084-793 for the period 1/1/2010 - 3/11/2010.	CONWR_AUS_GDOTSCOSTS_011783 - 011794	Commission	\$ 9,625.00	\$ 9,625.00	\$ 9,625.00	2020OLINCOS_0058810 - 0058892
334	Intesa Sanpaolo S.p.A.	4/19/2010	[20100419 B]			\$ 1,527.78	Charges due under letter of credit number 093084-793 for the period 3/12/2010 - 3/31/2010.	CONWR_AUS_GDOTSCOSTS_011783 - 011794	Commission	\$ 1,527.78	\$ 1,527.78	\$ 1,527.78	2020OLINCOS_0058810 - 0058892
335	Intesa Sanpaolo S.p.A.	8/4/2010	[20100804]			\$ 6,951.39	Charges due under letter of credit number 093084-793 for the period 4/1/2010 - 6/30/2010.	CONWR_AUS_GDOTSCOSTS_011783 - 011794	Commission	\$ 6,951.39	\$ 6,951.39	\$ 6,951.39	2020OLINCOS_0058810 - 0058892
336	Intesa Sanpaolo S.p.A.	10/29/2010	[20101029]			\$ 7,027.78	Charges due under letter of credit number 093084-793 for the period 7/1/2010 - 9/30/2010.	CONWR_AUS_GDOTSCOSTS_011783 - 011794	Commission	\$ 7,027.78	\$ 7,027.78	\$ 7,027.78	2020OLINCOS_0058810 - 0058892
337	Intesa Sanpaolo S.p.A.	1/11/2011	[20110111]			\$ 7,027.78	Charges due under letter of credit number 093084-793 for the period 10/1/2010 - 12/31/2010.	CONWR_AUS_GDOTSCOSTS_011783 - 011794	Commission	\$ 7,027.78	\$ 7,027.78	\$ 7,027.78	2020OLINCOS_0058810 - 0058892
338	Intesa Sanpaolo S.p.A.	4/21/2011	[20110421]			\$ 6,875.00	Charges due under letter of credit number 093084-793 for the period 1/1/2011 - 3/31/2011.	CONWR_AUS_GDOTSCOSTS_011783 - 011794	Commission	\$ 6,875.00	\$ 6,875.00	\$ 6,875.00	2020OLINCOS_0058810 - 0058892
339	Intesa Sanpaolo S.p.A.	4/30/2011	289			\$ 2,291.67	Charges due under letter of credit number 093084-793 for the period 4/1/2011 - 4/30/2011 and notice of cancellation.	CONWR_AUS_GDOTSCOSTS_011783 - 011794	Commission	\$ 2,291.67	\$ 2,291.67	\$ 2,291.67	2020OLINCOS_0058810 - 0058892
340	Jenner & Block	2/1/2002	8839443	10001-32633	G.D. OTS - Re: Crab Orchard	\$ 31,368.36	Professional services	CONWR_AUS_GDOTSCOSTS_012218 - 012222	Disbursements	\$ 1,238.36	\$ 1,238.36	\$ -	2020OLINCOS_0049716 - 0049716
340	Jenner & Block	2/1/2002	8839443	10001-32633	G.D. OTS - Re: Crab Orchard	\$ 31,368.36	Professional services	CONWR_AUS_GDOTSCOSTS_012218 - 012222	Fees	\$ 30,130.00	\$ 30,130.00	\$ 27,543.75	2020OLINCOS_0049716 - 0049716
341	Jenner & Block	4/1/2002	8848713	10001-32633	OTS - Re: Crab Orchard	\$ 62,110.37	Professional services	CONWR_AUS_GDOTSCOSTS_012223 - 012228	Fees	\$ 27,761.25	\$ 27,761.25	\$ 21,432.50	2020OLINCOS_0049716 - 0049716
341	Jenner & Block	4/1/2002	8848713	10001-32633	OTS - Re: Crab Orchard	\$ 62,110.37	Professional services	CONWR_AUS_GDOTSCOSTS_012223 - 012228	Outside Professional Services	\$ 33,152.59	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
341	Jenner & Block	4/1/2002	8848713	10001-32633	OTS - Re: Crab Orchard	\$ 62,110.37	Professional services	CONWR_AUS_GDOTSCOSTS_012223 - 012228	Disbursements	\$ 1,196.53	\$ 1,196.53	\$ -	2020OLINCOS_0049716 - 0049716
342	Jenner & Block	5/1/2002	8851476	10001-32633	OTS - Crab Orchard	\$ 84,170.18	Professional services	CONWR_AUS_GDOTSCOSTS_012229 - 012238	Fees	\$ 79,898.75	\$ 79,898.75	\$ 30,332.50	2020OLINCOS_0049716 - 0049716
342	Jenner & Block	5/1/2002	8851476	10001-32633	OTS - Crab Orchard	\$ 84,170.18	Professional services	CONWR_AUS_GDOTSCOSTS_012229 - 012238	Disbursements	\$ 4,271.43	\$ 4,271.43	\$ -	2020OLINCOS_0049716 - 0049716
343	Jenner & Block	7/1/2002	8858077	10001-32633	OTS - Crab Orchard	\$ 107,359.54	Professional services	CONWR_AUS_GDOTSCOSTS_012239 - 012244	Fees	\$ 34,796.25	\$ 34,796.25	\$ 31,421.25	2020OLINCOS_0049716 - 0049716
343	Jenner & Block	7/1/2002	8858077	10001-32633	OTS - Crab Orchard	\$ 107,359.54	Professional services	CONWR_AUS_GDOTSCOSTS_012239 - 012244	Outside Professional Services	\$ 70,841.37	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
343	Jenner & Block	7/1/2002	8858077	10001-32633	OTS - Crab Orchard	\$ 107,359.54	Professional services	CONWR_AUS_GDOTSCOSTS_012239 - 012244	Disbursements	\$ 1,721.92	\$ 1,721.92	\$ -	2020OLINCOS_0049716 - 0049716
344	Jenner & Block	8/1/2002	8861259	10001-32633	OTS - Crab Orchard	\$ 21,708.06	Professional services	CONWR_AUS_GDOTSCOSTS_012245 - 012249	Fees	\$ 19,533.75	\$ 19,533.75	\$ 4,252.50	2020OLINCOS_0049716 - 0049716
344	Jenner & Block	8/1/2002	8861259	10001-32633	OTS - Crab Orchard	\$ 21,708.06	Professional services	CONWR_AUS_GDOTSCOSTS_012245 - 012249	Disbursements	\$ 2,174.31	\$ 2,174.31	\$ -	2020OLINCOS_0049716 - 0049716
345	Jenner & Block	9/1/2002	8864635	10001-32633	OTS - Crab Orchard	\$ 25,852.08	Professional services	CONWR_AUS_GDOTSCOSTS_012250 - 012256	Fees	\$ 24,885.00	\$ 24,885.00	\$ 17,010.00	2020OLINCOS_0049716 - 0049716
345	Jenner & Block	9/1/2002	8864635	10001-32633	OTS - Crab Orchard	\$ 25,852.08	Professional services	CONWR_AUS_GDOTSCOSTS_012250 - 012256	Disbursements	\$ 967.08	\$ 967.08	\$ -	2020OLINCOS_0049716 - 0049716
346	Jenner & Block	10/1/2002	8867950	10001-32633	OTS - Crab Orchard	\$ 40,437.74	Professional services	CONWR_AUS_GDOTSCOSTS_012257 - 012263	Fees	\$ 38,820.00	\$ 38,820.00	\$ 15,113.75	2020OLINCOS_0049716 - 0049716
346	Jenner & Block	10/1/2002	8867950	10001-32633	OTS - Crab Orchard	\$ 40,437.74	Professional services	CONWR_AUS_GDOTSCOSTS_012257 - 012263	Disbursements	\$ 1,617.74	\$ 1,617.74	\$ -	2020OLINCOS_0049716 - 0049716
347	Jenner & Block	11/1/2002	8871519	10001-32633	OTS - Crab Orchard	\$ 146,782.24	Professional services	CONWR_AUS_GDOTSCOSTS_012264 - 012271	Fees	\$ 42,900.00	\$ 42,900.00	\$ 20,425.00	2020OLINCOS_0049716 - 0049716
347	Jenner & Block	11/1/2002	8871519	10001-32633	OTS - Crab Orchard	\$ 146,782.24	Professional services	CONWR_AUS_GDOTSCOSTS_012264 - 012271	Outside Professional Services	\$ 103,535.45	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
347	Jenner & Block	11/1/2002	8871519	10001-32633	OTS - Crab Orchard	\$ 146,782.24	Professional services	CONWR_AUS_GDOTSCOSTS_012264 - 012271	Disbursements	\$ 346.79	\$ 346.79	\$ -	2020OLINCOS_0049716 - 0049716
348	Jenner & Block	12/1/2002	8874690	10001-32633	OTS - Crab Orchard	\$ 51,775.19	Professional services	CONWR_AUS_GDOTSCOSTS_012272 - 012280	Fees	\$ 50,381.25	\$ 50,381.25	\$ 26,860.00	2020OLINCOS_0049716 - 0049716
348	Jenner & Block	12/1/2002	8874690	10001-32633	OTS - Crab Orchard	\$ 51,775.19	Professional services	CONWR_AUS_GDOTSCOSTS_012272 - 012280	Disbursements	\$ 1,393.94	\$ 1,393.94	\$ -	2020OLINCOS_0049716 - 0049716
349	Jenner & Block	1/1/2003	8879357	10001-32633	OTS - Crab Orchard	\$ 37,772.08	Professional services	CONWR_AUS_GDOTSCOSTS_012281 - 012287	Fees	\$ 36,547.50	\$ 36,547.50	\$ 3,592.50	2020OLINCOS_0049716 - 0049716
349	Jenner & Block	1/1/2003	8879357	10001-32633	OTS - Crab Orchard	\$ 37,772.08	Professional services	CONWR_AUS_GDOTSCOSTS_012281 - 012287	Disbursements	\$ 1,224.58	\$ 1,224.58	\$ -	2020OLINCOS_0049716 - 0049716
350	Jenner & Block	2/1/2003	8882820	10001-32633	OTS - Re: Crab Orchard	\$ 59,775.40	Professional services	CONWR_AUS_GDOTSCOSTS_012288 - 012296	Disbursements	\$ 1,126.90	\$ 1,126.90	\$ -	2020OLINCOS_0049716 - 0049716
350	Jenner & Block	2/1/2003	8882820	10001-32633	OTS - Re: Crab Orchard	\$ 59,775.40	Professional services	CONWR_AUS_GDOTSCOSTS_012288 - 012296	Fees	\$ 58,648.50	\$ 58,648.50	\$ 31,065.75	2020OLINCOS_0049716 - 0049716
351	Jenner & Block	3/1/2003	8885927	10001-32633	G.D. OTS - Re: Crab Orchard	\$ 29,733.93	Professional services	CONWR_AUS_GDOTSCOSTS_012297 - 012303	Fees	\$ 28,254.37	\$ 28,254.37	\$ 25,852.50	2020OLINCOS_0049716 - 0049716
351	Jenner & Block	3/1/2003	8885927	10001-32633	G.D. OTS - Re: Crab Orchard	\$ 29,733.93	Professional services	CONWR_AUS_GDOTSCOSTS_012297 - 012303	Disbursements	\$ 1,479.56	\$ 1,479.56	\$ -	2020OLINCOS_0049716 - 0049716
352	Jenner & Block	4/1/2003	8889666	10001-32633	Ordnance and Tactical Systems - Crab Orchard	\$ 322,496.09	Professional services	CONWR_AUS_GDOTSCOSTS_012304 - 012312	Fees	\$ 41,034.37	\$ 41,034.37	\$ 36,831.38	2020OLINCOS_0049716 - 0049716

Invoice Database													
Nathan Invoice													
ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation Bates Number
352	Jenner & Block	4/1/2003	8889666	10001-32633	Ordnance and Tactical Systems - Crab Orchard	\$ 322,496.09	Professional services	CONWR_AUS_GDOTSCOSTS_012304 - 012312	Outside Professional Services	\$ 279,114.17	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
352	Jenner & Block	4/1/2003	8889666	10001-32633	Ordnance and Tactical Systems - Crab Orchard	\$ 322,496.09	Professional services	CONWR_AUS_GDOTSCOSTS_012304 - 012312	Disbursements	\$ 2,347.55	\$ 2,347.55	\$ -	2020OLINCOS_0049716 - 0049716
353	Jenner & Block	5/1/2003	8892750	10001-32633	OTS - Crab Orchard	\$ 39,173.38	Professional services	CONWR_AUS_GDOTSCOSTS_012313 - 012320	Fees	\$ 39,099.37	\$ 39,099.37	\$ 35,164.13	2020OLINCOS_0049716 - 0049716
353	Jenner & Block	5/1/2003	8892750	10001-32633	OTS - Crab Orchard	\$ 39,173.38	Professional services	CONWR_AUS_GDOTSCOSTS_012313 - 012320	Disbursements	\$ 74.01	\$ 74.01	\$ -	2020OLINCOS_0049716 - 0049716
354	Jenner & Block	6/1/2003	8895847	10001-32633	OTS - Crab Orchard	\$ 143,591.21	Professional services	CONWR_AUS_GDOTSCOSTS_012321 - 012328	Fees	\$ 46,575.00	\$ 46,575.00	\$ 32,171.63	2020OLINCOS_0049716 - 0049716
354	Jenner & Block	6/1/2003	8895847	10001-32633	OTS - Crab Orchard	\$ 143,591.21	Professional services	CONWR_AUS_GDOTSCOSTS_012321 - 012328	Outside Professional Services	\$ 94,485.83	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
354	Jenner & Block	6/1/2003	8895847	10001-32633	OTS - Crab Orchard	\$ 143,591.21	Professional services	CONWR_AUS_GDOTSCOSTS_012321 - 012328	Disbursements	\$ 2,530.38	\$ 2,530.38	\$ -	2020OLINCOS_0049716 - 0049716
355	Jenner & Block	7/1/2003	8898930	10001-32633	OTS - Crab Orchard	\$ 425,359.67	Professional services	CONWR_AUS_GDOTSCOSTS_012329 - 012333	Fees	\$ 10,661.62	\$ 10,661.62	\$ 8,138.25	2020OLINCOS_0049716 - 0049716
355	Jenner & Block	7/1/2003	8898930	10001-32633	OTS - Crab Orchard	\$ 425,359.67	Professional services	CONWR_AUS_GDOTSCOSTS_012329 - 012333	Outside Professional Services	\$ 413,955.92	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
355	Jenner & Block	7/1/2003	8898930	10001-32633	OTS - Crab Orchard	\$ 425,359.67	Professional services	CONWR_AUS_GDOTSCOSTS_012329 - 012333	Disbursements	\$ 742.13	\$ 742.13	\$ -	2020OLINCOS_0049716 - 0049716
356	Jenner & Block	8/1/2003	8902339	10001-32633	OTS - Crab Orchard	\$ 13,140.03	Professional services	CONWR_AUS_GDOTSCOSTS_012334 - 012338	Fees	\$ 12,974.62	\$ 12,974.62	\$ 9,365.63	2020OLINCOS_0049716 - 0049716
356	Jenner & Block	8/1/2003	8902339	10001-32633	OTS - Crab Orchard	\$ 13,140.03	Professional services	CONWR_AUS_GDOTSCOSTS_012334 - 012338	Disbursements	\$ 165.41	\$ 165.41	\$ -	2020OLINCOS_0049716 - 0049716
357	Jenner & Block	9/1/2003	8905882	10001-32633	OTS - Re: Crab Orchard	\$ 55,476.96	Professional services	CONWR_AUS_GDOTSCOSTS_012339 - 012347	Fees	\$ 52,558.87	\$ 52,558.87	\$ 39,263.63	2020OLINCOS_0049716 - 0049716
357	Jenner & Block	9/1/2003	8905882	10001-32633	OTS - Re: Crab Orchard	\$ 55,476.96	Professional services	CONWR_AUS_GDOTSCOSTS_012339 - 012347	Disbursements	\$ 2,918.09	\$ 2,918.09	\$ -	2020OLINCOS_0049716 - 0049716
358	Jenner & Block	10/1/2003	8909283	10001-32633	OTS - Crab Orchard	\$ 12,529.46	Professional services	CONWR_AUS_GDOTSCOSTS_012353 - 012357	Disbursements	\$ 3,070.46	\$ 3,070.46	\$ -	2020OLINCOS_0049716 - 0049716
358	Jenner & Block	10/1/2003	8909283	10001-32633	OTS - Crab Orchard	\$ 12,529.46	Professional services	CONWR_AUS_GDOTSCOSTS_012353 - 012357	Fees	\$ 9,459.00	\$ 9,459.00	\$ 3,850.88	2020OLINCOS_0049716 - 0049716
359	Jenner & Block	11/1/2003	8912465	10001-32633	OTS - Crab Orchard	\$ 545,828.13	Professional services	CONWR_AUS_GDOTSCOSTS_012362 - 012368	Disbursements	\$ 2,502.63	\$ 2,502.63	\$ -	2020OLINCOS_0049716 - 0049716
359	Jenner & Block	11/1/2003	8912465	10001-32633	OTS - Crab Orchard	\$ 545,828.13	Professional services	CONWR_AUS_GDOTSCOSTS_012362 - 012368	Fees	\$ 30,055.50	\$ 30,055.50	\$ 6,783.75	2020OLINCOS_0049716 - 0049716
359	Jenner & Block	11/1/2003	8912465	10001-32633	OTS - Crab Orchard	\$ 545,828.13	Professional services	CONWR_AUS_GDOTSCOSTS_012362 - 012368	Consulting Fee	\$ 513,270.00	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
360	Jenner & Block	12/1/2003	8915844	10001-32633	OTS - Crab Orchard	\$ 18,331.41	Professional services	CONWR_AUS_GDOTSCOSTS_012369 - 012372	Fees	\$ 15,175.12	\$ 15,175.12	\$ 4,275.00	2020OLINCOS_0049716 - 0049716
360	Jenner & Block	12/1/2003	8915844	10001-32633	OTS - Crab Orchard	\$ 18,331.41	Professional services	CONWR_AUS_GDOTSCOSTS_012369 - 012372	Disbursements	\$ 3,156.29	\$ 3,156.29	\$ -	2020OLINCOS_0049716 - 0049716
361	Jenner & Block	1/1/2004	8921211	10001-32633	OTS - Crab Orchard	\$ 39,207.50	Professional services	CONWR_AUS_GDOTSCOSTS_012376 - 012382	Fees	\$ 38,712.37	\$ 38,712.37	\$ 38,113.88	2020OLINCOS_0049716 - 0049716
361	Jenner & Block	1/1/2004	8921211	10001-32633	OTS - Crab Orchard	\$ 39,207.50	Professional services	CONWR_AUS_GDOTSCOSTS_012376 - 012382	Disbursements	\$ 495.13	\$ 495.13	\$ -	2020OLINCOS_0049716 - 0049716
362	Jenner & Block	2/1/2004	8924892	10001-32633	OTS - Crab Orchard	\$ 183,233.93	Professional services	CONWR_AUS_GDOTSCOSTS_012383 - 012393	Fees	\$ 62,439.75	\$ 62,439.75	\$ 46,368.00	2020OLINCOS_0049716 - 0049716
362	Jenner & Block	2/1/2004	8924892	10001-32633	OTS - Crab Orchard	\$ 183,233.93	Professional services	CONWR_AUS_GDOTSCOSTS_012383 - 012393	Outside Professional Services	\$ 119,266.67	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
362	Jenner & Block	2/1/2004	8924892	10001-32633	OTS - Crab Orchard	\$ 183,233.93	Professional services	CONWR_AUS_GDOTSCOSTS_012383 - 012393	Disbursements	\$ 1,527.51	\$ 1,527.51	\$ -	2020OLINCOS_0049716 - 0049716
364	Jenner & Block	3/1/2004	8928028 Revised	10001-32633	OTS - Crab Orchard	\$ 67,483.42	Professional services	CONWR_AUS_GDOTSCOSTS_012399 - 012408	Fees	\$ 63,870.75	\$ 63,870.75	\$ 29,993.63	2020OLINCOS_0049716 - 0049716
364	Jenner & Block	3/1/2004	8928028 Revised	10001-32633	OTS - Crab Orchard	\$ 67,483.42	Professional services	CONWR_AUS_GDOTSCOSTS_012399 - 012408	Disbursements	\$ 3,612.67	\$ 3,612.67	\$ -	2020OLINCOS_0049716 - 0049716
363	Jenner & Block	4/1/2004	8930802	10001-32633	OTS - Crab Orchard	\$ 43,320.70	Professional services	CONWR_AUS_GDOTSCOSTS_012433 - 012440	Disbursements	\$ 1,541.57	\$ 1,541.57	\$ -	2020OLINCOS_0049716 - 0049716
363	Jenner & Block	4/1/2004	8930802	10001-32633	OTS - Crab Orchard	\$ 43,320.70	Professional services	CONWR_AUS_GDOTSCOSTS_012433 - 012440	Fees	\$ 41,779.13	\$ 41,779.12	\$ 38,994.75	2020OLINCOS_0049716 - 0049716
365	Jenner & Block	5/1/2004	8934564	10001-32633	OTS - Crab Orchard	\$ 511,813.32	Professional services	CONWR_AUS_GDOTSCOSTS_012452 - 012458	Fees	\$ 22,757.62	\$ 22,757.62	\$ 18,730.13	2020OLINCOS_0049716 - 0049716
365	Jenner & Block	5/1/2004	8934564	10001-32633	OTS - Crab Orchard	\$ 511,813.32	Professional services	CONWR_AUS_GDOTSCOSTS_012452 - 012458	Outside Professional Services	\$ 488,368.52	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
365	Jenner & Block	5/1/2004	8934564	10001-32633	OTS - Crab Orchard	\$ 511,813.32	Professional services	CONWR_AUS_GDOTSCOSTS_012452 - 012458	Disbursements	\$ 687.18	\$ 687.18	\$ -	2020OLINCOS_0049716 - 0049716
366	Jenner & Block	6/1/2004	8938086	10001-32633	OTS - Crab Orchard	\$ 25,818.74	Professional services	CONWR_AUS_GDOTSCOSTS_012459 - 012465	Fees	\$ 25,014.37	\$ 25,014.37	\$ 23,713.20	2020OLINCOS_0049716 - 0049716
366	Jenner & Block	6/1/2004	8938086	10001-32633	OTS - Crab Orchard	\$ 25,818.74	Professional services	CONWR_AUS_GDOTSCOSTS_012459 - 012465	Disbursements	\$ 804.37	\$ 804.37	\$ -	2020OLINCOS_0049716 - 0049716
367	Jenner & Block	7/1/2004	8940908	10001-32633	OTS - Crab Orchard	\$ 13,315.25	Professional services	CONWR_AUS_GDOTSCOSTS_012475 - 012479	Disbursements	\$ (670.75)	\$ (670.75)	\$ -	2020OLINCOS_0049716 - 0049716
367	Jenner & Block	7/1/2004	8940908	10001-32633	OTS - Crab Orchard	\$ 13,315.25	Professional services	CONWR_AUS_GDOTSCOSTS_012475 - 012479	Fees	\$ 13,986.00	\$ 13,986.00	\$ 13,581.00	2020OLINCOS_0049716 - 0049716
368	Jenner & Block	8/1/2004	8945140	10001-32633	OTS - Crab Orchard	\$ 362,133.11	Professional services	CONWR_AUS_GDOTSCOSTS_012494 - 012500	Outside Professional Services	\$ 308,392.23	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
368	Jenner & Block	8/1/2004	8945140	10001-32633	OTS - Crab Orchard	\$ 362,133.11	Professional services	CONWR_AUS_GDOTSCOSTS_012494 - 012500	Disbursements	\$ 4,182.38	\$ 4,182.38	\$ -	2020OLINCOS_0049716 - 0049716
368	Jenner & Block	8/1/2004	8945140	10001-32633	OTS - Crab Orchard	\$ 362,133.11	Professional services	CONWR_AUS_GDOTSCOSTS_012494 - 012500	Fees	\$ 49,558.50	\$ 49,558.50	\$ 48,404.25	2020OLINCOS_0049716 - 0049716
369	Jenner & Block	9/1/2004	8948972	10001-32633	OTS - Crab Orchard	\$ 227,262.43	Professional services	CONWR_AUS_GDOTSCOSTS_012501 - 012513	Disbursements	\$ 4,626.85	\$ 4,626.85	\$ -	2020OLINCOS_0049716 - 0049716
369	Jenner & Block	9/1/2004	8948972	10001-32633	OTS - Crab Orchard	\$ 227,262.43	Professional services	CONWR_AUS_GDOTSCOSTS_012501 - 012513	Fees	\$ 101,898.00	\$ 101,898.00	\$ 97,999.88	2020OLINCOS_0049716 - 0049716
369	Jenner & Block	9/1/2004	8948972	10001-32633	OTS - Crab Orchard	\$ 227,262.43	Professional services	CONWR_AUS_GDOTSCOSTS_012501 - 012513	Outside Professional Services	\$ 120,737.58	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
370	Jenner & Block	10/1/2004	8951754	10001-32633	OTS - Crab Orchard	\$ 12,594.23	Professional services	CONWR_AUS_GDOTSCOSTS_012525 - 012529	Disbursements	\$ 1,586.11	\$ 1,586.11	\$ -	2020OLINCOS_0049716 - 0049716
370	Jenner & Block	10/1/2004	8951754	10001-32633	OTS - Crab Orchard	\$ 12,594.23	Professional services	CONWR_AUS_GDOTSCOSTS_012525 - 012529	Fees	\$ 11,008.12	\$ 11,008.12	\$ 7,120.13	2020OLINCOS_0049716 - 0049716
371	Jenner & Block	11/1/2004	8955455	10001-32633	OTS - Crab Orchard	\$ 24,839.32	Professional services	CONWR_AUS_GDOTSCOSTS_012530 - 012534	Disbursements	\$ 344.70	\$ 344.70	\$ -	2020OLINCOS_0049716 - 0049716
371	Jenner & Block	11/1/2004	8955455	10001-32633	OTS - Crab Orchard								

Invoice Database													
Nathan Invoice													
ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation Bates Number
377	Jenner & Block	5/1/2005	8981074	44515-32633	OTS - Crab Orchard	\$ 52,518.00	Professional services	CONWR_AUS_GDOTSCOSTS_012595 - 012602	Fees	\$ 49,164.75	\$ 49,164.75	\$ 44,932.50	2020OLINCOS_0049716 - 0049716
378	Jenner & Block	6/1/2005	8984848	44515-32633	OTS - Crab Orchard	\$ 166,501.33	Professional services	CONWR_AUS_GDOTSCOSTS_012611 - 012619	Disbursements	\$ 2,299.82	\$ 2,299.82	\$ -	2020OLINCOS_0049716 - 0049716
378	Jenner & Block	6/1/2005	8984848	44515-32633	OTS - Crab Orchard	\$ 166,501.33	Professional services	CONWR_AUS_GDOTSCOSTS_012611 - 012619	Outside professional services	\$ 122,675.51	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
378	Jenner & Block	6/1/2005	8984848	44515-32633	OTS - Crab Orchard	\$ 166,501.33	Professional services	CONWR_AUS_GDOTSCOSTS_012611 - 012619	Fees	\$ 41,526.00	\$ 41,526.00	\$ 16,534.13	2020OLINCOS_0049716 - 0049716
379	Jenner & Block	7/1/2005	8988627	44515-32633	OTS - Crab Orchard	\$ 19,720.43	Professional services	CONWR_AUS_GDOTSCOSTS_012620 - 012625	Disbursements	\$ 2,212.06	\$ 2,212.06	\$ -	2020OLINCOS_0049716 - 0049716
379	Jenner & Block	7/1/2005	8988627	44515-32633	OTS - Crab Orchard	\$ 19,720.43	Professional services	CONWR_AUS_GDOTSCOSTS_012620 - 012625	Fees	\$ 17,508.37	\$ 17,508.37	\$ 7,531.88	2020OLINCOS_0049716 - 0049716
380	Jenner & Block	8/29/2005	8991940	44515-32633	OTS - Crab Orchard	\$ 312,639.71	Professional services	CONWR_AUS_GDOTSCOSTS_012632 - 012638	Disbursements	\$ 381.00	\$ 381.00	\$ -	2020OLINCOS_0049716 - 0049716
380	Jenner & Block	8/29/2005	8991940	44515-32633	OTS - Crab Orchard	\$ 312,639.71	Professional services	CONWR_AUS_GDOTSCOSTS_012632 - 012638	Outside professional services	\$ 295,673.96	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
380	Jenner & Block	8/29/2005	8991940	44515-32633	OTS - Crab Orchard	\$ 312,639.71	Professional services	CONWR_AUS_GDOTSCOSTS_012632 - 012638	Fees	\$ 16,584.75	\$ 16,584.75	\$ 14,245.88	2020OLINCOS_0049716 - 0049716
381	Jenner & Block	9/30/2005	8996229	44515-32633	OTS - Crab Orchard	\$ 11,858.83	Professional services	CONWR_AUS_GDOTSCOSTS_012639 - 012644	Fees	\$ 11,602.12	\$ 11,602.12	\$ 9,040.50	2020OLINCOS_0049716 - 0049716
381	Jenner & Block	9/30/2005	8996229	44515-32633	OTS - Crab Orchard	\$ 11,858.83	Professional services	CONWR_AUS_GDOTSCOSTS_012639 - 012644	Disbursements	\$ 256.71	\$ 256.71	\$ -	2020OLINCOS_0049716 - 0049716
382	Jenner & Block	10/1/2005	8999632 Revised	44515-32633	OTS - Crab Orchard	\$ 28,542.66	Professional services	CONWR_AUS_GDOTSCOSTS_12645 - 12651	Fees	\$ 27,880.87	\$ 27,880.87	\$ 21,992.63	2020OLINCOS_0049716 - 0049716
382	Jenner & Block	10/1/2005	8999632 Revised	44515-32633	OTS - Crab Orchard	\$ 28,542.66	Professional services	CONWR_AUS_GDOTSCOSTS_12645 - 12651	Disbursements	\$ 661.79	\$ 661.79	\$ -	2020OLINCOS_0049716 - 0049716
383	Jenner & Block	11/1/2005	9003680	44515-32633	OTS - Crab Orchard	\$ 266,351.77	Professional services	CONWR_AUS_GDOTSCOSTS_012665 - 012670	Disbursements	\$ 44.63	\$ 44.63	\$ -	2020OLINCOS_0049716 - 0049716
383	Jenner & Block	11/1/2005	9003680	44515-32633	OTS - Crab Orchard	\$ 266,351.77	Professional services	CONWR_AUS_GDOTSCOSTS_012665 - 012670	Outside professional services	\$ 248,623.27	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
383	Jenner & Block	11/1/2005	9003680	44515-32633	OTS - Crab Orchard	\$ 266,351.77	Professional services	CONWR_AUS_GDOTSCOSTS_012665 - 012670	Fees	\$ 17,683.87	\$ 17,683.87	\$ 14,788.13	2020OLINCOS_0049716 - 0049716
384	Jenner & Block	12/1/2005	9007027	44515-32633	OTS - Crab Orchard	\$ 11,316.37	Professional services	CONWR_AUS_GDOTSCOSTS_012674 - 012677	Fees	\$ 11,316.37	\$ 11,594.13	\$ 10,314.00	2020OLINCOS_0049716 - 0049716
385	Jenner & Block	1/1/2006	9011954	44515-32633	OTS - Crab Orchard	\$ 12,839.65	Professional services	CONWR_AUS_GDOTSCOSTS_012680 - 012683	Disbursements	\$ 380.78	\$ 380.78	\$ -	2020OLINCOS_0049716 - 0049716
385	Jenner & Block	1/1/2006	9011954	44515-32633	OTS - Crab Orchard	\$ 12,839.65	Professional services	CONWR_AUS_GDOTSCOSTS_012680 - 012683	Fees	\$ 8,098.87	\$ 8,098.87	\$ 7,113.38	2020OLINCOS_0049716 - 0049716
385	Jenner & Block	1/1/2006	9011954	44515-32633	OTS - Crab Orchard	\$ 12,839.65	Professional services	CONWR_AUS_GDOTSCOSTS_012680 - 012683	Outside professional services	\$ 4,360.00	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
386	Jenner & Block	2/1/2006	9017905	44515-32633	OTS - Crab Orchard	\$ 3,578.45	Professional services	CONWR_AUS_GDOTSCOSTS_012556 - 012558	Fees	\$ 3,557.25	\$ 3,557.25	\$ 3,557.25	2020OLINCOS_0049716 - 0049716
386	Jenner & Block	2/1/2006	9017905	44515-32633	OTS - Crab Orchard	\$ 3,578.45	Professional services	CONWR_AUS_GDOTSCOSTS_012556 - 012558	Disbursements	\$ 21.20	\$ 21.20	\$ -	2020OLINCOS_0049716 - 0049716
387	Jenner & Block	3/1/2006	9021115	44515-32633	OTS - Crab Orchard	\$ 167,237.76	Professional services	CONWR_AUS_GDOTSCOSTS_012566 - 012569	Outside Professional Services	\$ 161,061.32	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
387	Jenner & Block	3/1/2006	9021115	44515-32633	OTS - Crab Orchard	\$ 167,237.76	Professional services	CONWR_AUS_GDOTSCOSTS_012566 - 012569	Fees	\$ 6,152.62	\$ 6,152.62	\$ 4,646.25	2020OLINCOS_0049716 - 0049716
387	Jenner & Block	3/1/2006	9021115	44515-32633	OTS - Crab Orchard	\$ 167,237.76	Professional services	CONWR_AUS_GDOTSCOSTS_012566 - 012569	Disbursements	\$ 23.82	\$ 23.82	\$ -	2020OLINCOS_0049716 - 0049716
388	Jenner & Block	4/1/2006	9024425	44515-32633	OTS - Crab Orchard	\$ 349,566.67	Professional services	CONWR_AUS_GDOTSCOSTS_012570 - 012573	Fees	\$ 5,604.75	\$ 5,604.75	\$ 3,866.63	2020OLINCOS_0049716 - 0049716
388	Jenner & Block	4/1/2006	9024425	44515-32633	OTS - Crab Orchard	\$ 349,566.67	Professional services	CONWR_AUS_GDOTSCOSTS_012570 - 012573	Disbursements	\$ 110.55	\$ 110.55	\$ -	2020OLINCOS_0049716 - 0049716
388	Jenner & Block	4/1/2006	9024425	44515-32633	OTS - Crab Orchard	\$ 349,566.67	Professional services	CONWR_AUS_GDOTSCOSTS_012570 - 012573	Outside Professional Services	\$ 343,851.37	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
389	Jenner & Block	5/1/2006	9027710	44515-32633	OTS - Crab Orchard	\$ 16,745.28	Professional services	CONWR_AUS_GDOTSCOSTS_012684 - 012688	Disbursements	\$ 142.53	\$ 142.53	\$ -	2020OLINCOS_0049716 - 0049716
389	Jenner & Block	5/1/2006	9027710	44515-32633	OTS - Crab Orchard	\$ 16,745.28	Professional services	CONWR_AUS_GDOTSCOSTS_012684 - 012688	Fees	\$ 16,602.75	\$ 16,602.75	\$ 8,694.00	2020OLINCOS_0049716 - 0049716
390	Jenner & Block	6/1/2006	9030920	44515-32633	OTS - Crab Orchard	\$ 212,291.60	Professional services	CONWR_AUS_GDOTSCOSTS_012689 - 012692	[Discrepancy in total invoice amount due]	\$ 54.00	\$ 54.00	\$ -	2020OLINCOS_0049716 - 0049716
390	Jenner & Block	6/1/2006	9030920	44515-32633	OTS - Crab Orchard	\$ 212,291.60	Professional services	CONWR_AUS_GDOTSCOSTS_012689 - 012692	Disbursements	\$ 75.99	\$ 75.99	\$ -	2020OLINCOS_0049716 - 0049716
390	Jenner & Block	6/1/2006	9030920	44515-32633	OTS - Crab Orchard	\$ 212,291.60	Professional services	CONWR_AUS_GDOTSCOSTS_012689 - 012692	Outside professional services	\$ 198,947.36	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
390	Jenner & Block	6/1/2006	9030920	44515-32633	OTS - Crab Orchard	\$ 212,291.60	Professional services	CONWR_AUS_GDOTSCOSTS_012689 - 012692	Fees	\$ 13,214.25	\$ 13,214.25	\$ 3,678.75	2020OLINCOS_0049716 - 0049716
391	Jenner & Block	7/1/2006	9033965	44515-32633	OTS - Crab Orchard	\$ 88,972.19	Professional services	CONWR_AUS_GDOTSCOSTS_012693 - 012699	Disbursements	\$ 1,617.69	\$ 1,617.69	\$ -	2020OLINCOS_0049716 - 0049716
391	Jenner & Block	7/1/2006	9033965	44515-32633	OTS - Crab Orchard	\$ 88,972.19	Professional services	CONWR_AUS_GDOTSCOSTS_012693 - 012699	Outside professional services	\$ 48,470.00	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
391	Jenner & Block	7/1/2006	9033965	44515-32633	OTS - Crab Orchard	\$ 88,972.19	Professional services	CONWR_AUS_GDOTSCOSTS_012693 - 012699	Fees	\$ 38,884.50	\$ 38,884.50	\$ 7,395.75	2020OLINCOS_0049716 - 0049716
392	Jenner & Block	8/1/2006	9037022	44515-32633	OTS - Crab Orchard	\$ 241,162.68	Professional services	CONWR_AUS_GDOTSCOSTS_012703 - 012709	Disbursements	\$ 2,078.89	\$ 2,078.89	\$ -	2020OLINCOS_0049716 - 0049716
392	Jenner & Block	8/1/2006	9037022	44515-32633	OTS - Crab Orchard	\$ 241,162.68	Professional services	CONWR_AUS_GDOTSCOSTS_012703 - 012709	Fees	\$ 50,189.62	\$ 50,189.62	\$ -	2020OLINCOS_0049716 - 0049716
392	Jenner & Block	8/1/2006	9037022	44515-32633	OTS - Crab Orchard	\$ 241,162.68	Professional services	CONWR_AUS_GDOTSCOSTS_012703 - 012709	Outside professional services	\$ 188,894.17	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
393	Jenner & Block	9/1/2006	9040457	44515-32633	OTS - Crab Orchard	\$ 13,088.71	Professional services	CONWR_AUS_GDOTSCOSTS_012714 - 012717	Disbursements	\$ 1,023.09	\$ 1,023.09	\$ -	2020OLINCOS_0049716 - 0049716
393	Jenner & Block	9/1/2006	9040457	44515-32633	OTS - Crab Orchard	\$ 13,088.71	Professional services	CONWR_AUS_GDOTSCOSTS_012714 - 012717	Fees	\$ 12,065.62	\$ 12,065.62	\$ 3,838.50	2020OLINCOS_0049716 - 0049716
394	Jenner & Block	10/1/2006	9043537	44515-32633	OTS - Crab Orchard	\$ 61,607.77	Professional services	CONWR_AUS_GDOTSCOSTS_012724 - 012726	Disbursements	\$ 863.34	\$ 863.34	\$ -	2020OLINCOS_0049716 - 0049716
394	Jenner & Block	10/1/2006	9043537	44515-32633	OTS - Crab Orchard	\$ 61,607.77	Professional services	CONWR_AUS_GDOTSCOSTS_012724 - 012726	Fees	\$ 2,461.50	\$ 2,461.50	\$ 1,998.00	2020OLINCOS_0049716 - 0049716
394	Jenner & Block	10/1/2006	9043537	44515-32633	OTS - Crab Orchard	\$ 61,607.77	Professional services	CONWR_AUS_GDOTSCOSTS_012724 - 012726	Outside professional services	\$ 58,282.93	\$ -	\$ -	2020OLINCOS_0049716 - 0049716
395	Jenner & Block	11/1/2006	9046786	44515-32633	OTS - Crab Orchard	\$ 6,665.97	Professional services	CONWR_AUS_GDOTSCOSTS_012742 - 012745	Fees	\$ 6,394.50	\$ 6,394.50	\$ 4,656.38	2020OLINCOS_0049716 - 0049716
395	Jenner & Block	11/1/2006	904										

Invoice Database													
Nathan Invoice													
ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation Bates Number
404	Jenner & Block	11/1/2007	9084012	44515-32633	OTS - Crab Orchard	\$ 28,051.77	Professional services	CONWR_AUS_GDOTSCOSTS_012852 - 012857	Disbursements	\$ 1,011.27	\$ 1,011.27	\$ -	2020OLINCOS_0049716 - 0049716
404	Jenner & Block	11/1/2007	9084012	44515-32633	OTS - Crab Orchard	\$ 28,051.77	Professional services	CONWR_AUS_GDOTSCOSTS_012852 - 012857	Fees	\$ 27,040.50	\$ 27,040.50	\$ 20,110.50	2020OLINCOS_0049716 - 0049716
405	Jenner & Block	12/1/2007	9087654	44515-32633	OTS - Crab Orchard	\$ 25,802.81	Professional services	CONWR_AUS_GDOTSCOSTS_012858 - 012863	Disbursements	\$ 1,218.19	\$ 1,218.19	\$ -	2020OLINCOS_0049716 - 0049716
405	Jenner & Block	12/1/2007	9087654	44515-32633	OTS - Crab Orchard	\$ 25,802.81	Professional services	CONWR_AUS_GDOTSCOSTS_012858 - 012863	Fees	\$ 24,584.62	\$ 24,584.62	\$ 10,848.38	2020OLINCOS_0049716 - 0049716
406	Jenner & Block	1/1/2008	9091270	44515-32633	OTS - Crab Orchard	\$ 4,780.27	Professional services	CONWR_AUS_GDOTSCOSTS_012864 - 012866	Fees	\$ 4,776.75	\$ 4,776.75	\$ 4,281.75	2020OLINCOS_0049716 - 0049716
406	Jenner & Block	1/1/2008	9091270	44515-32633	OTS - Crab Orchard	\$ 4,780.27	Professional services	CONWR_AUS_GDOTSCOSTS_012864 - 012866	Disbursements	\$ 3.52	\$ 3.52	\$ -	2020OLINCOS_0049716 - 0049716
407	Jenner & Block	2/1/2008	9094162	44515-32633	OTS - Crab Orchard	\$ 10,701.09	Professional services	CONWR_AUS_GDOTSCOSTS_012867 - 012870	Disbursements	\$ 231.84	\$ 231.84	\$ -	2020OLINCOS_0049716 - 0049716
407	Jenner & Block	2/1/2008	9094162	44515-32633	OTS - Crab Orchard	\$ 10,701.09	Professional services	CONWR_AUS_GDOTSCOSTS_012867 - 012870	Fees	\$ 10,469.25	\$ 10,469.25	\$ 10,469.25	2020OLINCOS_0049716 - 0049716
408	Latham & Watkins LLP	4/26/2018	[20180426]			\$ 10,000.00	Crab Orchard Mediation Assessment	2020OLINCOS_0039207 - 0039216	Crab Orchard Mediation	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	2020OLINCOS_0039229 - 0039229
409	LECG LLC	9/30/2007	80999		General Dynamics Ordinance & Technical	\$ 8,031.00	Professional Services	CONWR_AUS_GDOTSCOSTS_011720 - 011720	Current Charges	\$ 8,031.00	\$ 8,031.00	\$ 8,031.00	CONWR_AUS_GDOTSCOSTS_011721 - 011721
410	LECG LLC	9/23/2008	97626		General Dynamics Ordinance & Technical	\$ 2,846.25	Professional Services	CONWR_AUS_GDOTSCOSTS_011722 - 011722	Current Charges	\$ 2,846.25	\$ 2,846.25	\$ 2,846.25	CONWR_AUS_GDOTSCOSTS_011723 - 011723
411	LECG LLC	1/6/2009	101133		General Dynamics Ordinance & Technical	\$ 2,070.00	Professional Services	CONWR_AUS_GDOTSCOSTS_011724 - 011728	Review of FY 2006 agency response costs	\$ 2,070.00	\$ 2,070.00	\$ 2,070.00	CONWR_AUS_GDOTSCOSTS_011729 - 011729
412	LECG LLC	2/6/2009	102209		General Dynamics Ordinance & Technical	\$ 690.00	Professional Services	CONWR_AUS_GDOTSCOSTS_011730 - 011735	Review of vendor invoices associated with USFWS' FY2006 request for reimbursement	\$ 690.00	\$ 690.00	\$ 690.00	CONWR_AUS_GDOTSCOSTS_011736 - 011736
413	LECG LLC	8/24/2009	108944		General Dynamics Ordinance & Technical	\$ 1,983.75	Professional Services	CONWR_AUS_GDOTSCOSTS_011737 - 011741	Review of FWS FY 2007 invoice	\$ 1,983.75	\$ 1,983.75	\$ 1,983.75	CONWR_AUS_GDOTSCOSTS_011742 - 011742
414	LECG LLC	2/18/2010	114699		General Dynamics Ordinance & Technical	\$ 2,328.75	Professional Services	CONWR_AUS_GDOTSCOSTS_011743 - 011746	Review of DOI/EPA FY08 invoice; Review of US EPA FY 09 invoice	\$ 2,328.75	\$ 2,328.75	\$ 2,328.75	CONWR_AUS_GDOTSCOSTS_011747 - 011747
426	Menzie-Cura & Associates, Inc.	1/31/2002	766/1-IN		Crab Orchard - Site Visit	\$ 8,572.05	Crab Orchard RA - Participated in initial meetings with the legal team. In addition, travel to St. Louis to meet with legal team, and government representatives and to participate in a tour of the Crab Orchard NPL Site.	CONWR_AUS_GDOTSCOSTS_011568 - 011570	Labor, Expenses and Travel	\$ 8,572.05	\$ 8,572.05	\$ 8,572.05	2020OLINCOS_0058810 - 0058892
427	Menzie-Cura & Associates, Inc.	3/5/2002	766/2-IN		Crab Orchard - Cost Estimation and Screening Review	\$ 24,580.54	Risk Assessment - Developed a cost estimate for the portion of the Conceptual Remedial Investigation summarized by URS. Began review of the screening approach and summarized general trends and features that impact RI design.	CONWR_AUS_GDOTSCOSTS_011571 - 011573	Labor, Expenses and Travel	\$ 24,580.54	\$ 24,580.54	\$ 24,580.54	2020OLINCOS_0058810 - 0058892
561	NewFields (Mediation)	11/5/2017	1503199	150.0099.000	Polsinelli - Crab Orchard	\$ 50.00	Litigation Support	2018OLINFACSITES, 2020OLINCOS_01186049, 0000010 - 01186056, 0000023	Mediation Support and SW Documents	\$ 50.00	\$ 50.00	\$ -	2020OLINCOS_0043940 - 0043940
559	NewFields (Mediation)	12/17/2017	1503259	150.0099.000	Polsinelli - Crab Orchard	\$ 4,170.00	Litigation Support	REV_2020OLINCOS_0000010 - 0000023	Labor	\$ 4,170.00	\$ 4,170.00	\$ 4,170.00	2020OLINCOS_0039229 - 0039229
560	NewFields (Mediation)	1/8/2018	1503272	150.0099.000	Polsinelli - Crab Orchard	\$ 877.50	Litigation Support	REV_2020OLINCOS_0000010 - 0000023	Labor	\$ 877.50	\$ 877.50	\$ 877.50	2020OLINCOS_0039229 - 0039229
562	NewFields (Mediation)	2/9/2018	1503306	150.0099.000	Polsinelli - Crab Orchard	\$ 5,122.50	Litigation Support	REV_2020OLINCOS_0000026 - 0000035	Labor	\$ 5,122.50	\$ 5,122.50	\$ 5,122.50	2020OLINCOS_0039229 - 0039229
563	NewFields (Mediation)	3/13/2018	1503359	150.0099.000	Polsinelli - Crab Orchard	\$ 8,540.40	Litigation Support	REV_2020OLINCOS_0000036 - 0000049	SW Documents - Labor	\$ 2,745.00	\$ 2,745.00	\$ 2,745.00	2020OLINCOS_0039229 - 0039229
563	NewFields (Mediation)	3/13/2018	1503359	150.0099.000	Polsinelli - Crab Orchard	\$ 8,540.40	Litigation Support	REV_2020OLINCOS_0000036 - 0000049	Labor and Expenses	\$ 5,795.40	\$ 5,795.40	\$ 5,795.40	2020OLINCOS_0039229 - 0039229
564	NewFields (Mediation)	4/9/2018	1503392	150.0099.000	Polsinelli - Crab Orchard	\$ 2,445.00	Litigation Support	REV_2020OLINCOS_0000036 - 0000049	Labor	\$ 2,445.00	\$ 2,445.00	\$ 2,445.00	2020OLINCOS_0039229 - 0039229
565	NewFields (Mediation)	5/8/2018	1503440	150.0099.000	Polsinelli - Crab Orchard	\$ 607.50	Litigation Support	REV_2020OLINCOS_0000050 - 0000057	Labor	\$ 607.50	\$ 607.50	\$ 607.50	2020OLINCOS_0039229 - 0039229
566	NewFields (Mediation)	6/8/2018	1503492	150.0099.000	Polsinelli - Crab Orchard	\$ 4,621.36	Litigation Support	REV_2020OLINCOS_0000058 - 0000073	Labor and Expenses	\$ 3,901.36	\$ 3,901.36	\$ 3,901.36	2020OLINCOS_0039229 - 0039229
566	NewFields (Mediation)	6/8/2018	1503492	150.0099.000	Polsinelli - Crab Orchard	\$ 4,621.36	Litigation Support	REV_2020OLINCOS_0000058 - 0000073	Update of Database and GIS	\$ 720.00	\$ 720.00	\$ 720.00	2020OLINCOS_0039229 - 0039229
567	NewFields (Mediation)	10/5/2018	1503657	150.0099.000	Polsinelli - Crab Orchard	\$ 270.00	Litigation Support	REV_2020OLINCOS_0000074 - 0000081	Labor	\$ 270.00	\$ 270.00	\$ 270.00	2020OLINCOS_0039229 - 0039229
568	NewFields (Mediation)	4/5/2019	1503885	150.0099.000	Polsinelli - Crab Orchard	\$ 375.00	Litigation Support	REV_2020OLINCOS_0000024 - 0000025	Labor	\$ 375.00	\$ 375.00	\$ 375.00	2020OLINCOS_0039231 - 0039231
569	NewFields (Mediation)	5/6/2019	1503922	150.0099.000	Polsinelli - Crab Orchard	\$ 6,532.08	Litigation Support	REV_2020OLINCOS_0000082 - 0000095	Labor and Expenses	\$ 6,532.08	\$ 6,532.08	\$ 6,532.08	2020OLINCOS_0039244 - 0039244
570	NewFields (Mediation)	7/12/2019	1504045	150.0099.000	Polsinelli - Crab Orchard	\$ 9,945.00	Litigation Support	REV_2020OLINCOS_0000096 - 0000097	Labor	\$ 9,945.00	\$ 9,945.00	\$ 9,945.00	2020OLINCOS_0039244 - 0039244
558	NewFields (Mediation)	4/3/2020	1504452	150.0099.000	Polsinelli - Crab Orchard	\$ 11,490.00	Litigation Support	2020OLINCOS_0048159 - 0048160	Mediation Support	\$ 11,490.00	\$ 11,490.00	\$ 11,490.00	2020OLINCOS_0043940 - 0043940
428	NewFields (RI/FS)	5/3/2002	3029	0233-001-200	General Dynamics-Crab Orchard	\$ 7,130.00	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001704 - 001706	Labor and Direct Expenses	\$ 7,130.00	\$ 7,130.00	\$ 7,130.00	CONWR_AUS_GDOTSCOSTS_001707 - 001709
429	NewFields (RI/FS)	6/5/2002	3182	0233-001-200	General Dynamics-Crab Orchard	\$ 47,493.49	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001710 - 001732	Labor and Direct Expenses	\$ 47,493.49	\$ 47,493.49	\$ 47,493.49	CONWR_AUS_GDOTSCOSTS_001733 - 001735
430	NewFields (RI/FS)	7/12/2002	3475	0233-001-200	General Dynamics-Crab Orchard	\$ 30,159.82	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001736 - 001754	Labor and Direct Expenses	\$ 30,159.82	\$ 30,159.82	\$ 30,159.82	CONWR_AUS_GDOTSCOSTS_001755 - 001757
437	NewFields (RI/FS)	8/9/2002	3582	0233-001-200	General Dynamics-Crab Orchard	\$ 29,664.08	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001758 - 001775	Labor and Direct Expenses	\$ 29,664.08	\$ 29,664.08	\$ 29,664.08	CONWR_AUS_GDOTSCOSTS_001776 - 001778
431	NewFields (RI/FS)	9/6/2002	3759	0233-001-200	General Dynamics-Crab Orchard	\$ 31,079.73	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001779 - 001790	Labor and Direct Expenses	\$ 31,079.73	\$ 31,079.73	\$ 31,079.73	CONWR_AUS_GDOTSCOSTS_001791 - 001793
432	NewFields (RI/FS)	10/11/2002	3950	0233-001-200	General Dynamics-Crab Orchard	\$ 42,295.90	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001794 - 001804	Labor and Direct Expenses	\$ 42,295.90	\$ 42,295.90	\$ 42,295.90	CONWR_AUS_GDOTSCOSTS_001805 - 001807
433	NewFields (RI/FS)	11/21/2002	4139	0233-001-200	General Dynamics-Crab Orchard	\$ 108,110.58	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001808 - 001849	Program Management	\$ 420.00	\$ 420.00	\$ 420.00	CONWR_AUS_GDOTSCOSTS_001850 - 001851
433	NewFields (RI/FS)	11/21/2002	4139	0233-001-200	General Dynamics-Crab Orchard	\$ 108,110.58	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001808 - 001849	Work Plan Development/Review	\$ 4,542.28	\$ 4,542.28	\$ 4,542.28	CONWR_AUS_GDOTSCOSTS_001850 - 001851
433	NewFields (RI/FS)	11/21/2002	4139	0233-001-200	General Dynamics-Crab Orchard	\$ 108,110.58	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001808 - 001849	Professional Services	\$ 35,268.30	\$ 35,268.30	\$ 35,268.30	CONWR_AUS_GDOTSCOSTS_001850 - 001851

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
													Amount	
Nathan Invoice	433	NewFields (RI/FS)	11/21/2002	4139	0233-001-200	General Dynamics-Crab Orchard	\$ 108,110.58	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001808 - 001849	Site Scoping Doc/DB/GISAT	\$ 47,380.00	\$ 47,380.00	\$ 47,380.00	CONWR_AUS_GDOTSCOSTS_001850 - 001851
	433	NewFields (RI/FS)	11/21/2002	4139	0233-001-200	General Dynamics-Crab Orchard	\$ 108,110.58	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001808 - 001849	RFP/Developmt/Review/Selection	\$ 20,500.00	\$ 20,500.00	\$ 20,500.00	CONWR_AUS_GDOTSCOSTS_001850 - 001851
	434	NewFields (RI/FS)	12/13/2002	4263	0233-001-200	General Dynamics-Crab Orchard	\$ 67,949.31	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001852 - 001882	Professional Services	\$ 5,442.23	\$ 5,442.23	\$ 5,442.23	CONWR_AUS_GDOTSCOSTS_001883 - 001884
	434	NewFields (RI/FS)	12/13/2002	4263	0233-001-200	General Dynamics-Crab Orchard	\$ 67,949.31	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001852 - 001882	Negotiations of AOC/SOW	\$ 7,260.00	\$ 7,260.00	\$ 7,260.00	CONWR_AUS_GDOTSCOSTS_001883 - 001884
	434	NewFields (RI/FS)	12/13/2002	4263	0233-001-200	General Dynamics-Crab Orchard	\$ 67,949.31	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001852 - 001882	Site Scoping Doc/DB/GISAT	\$ 19,655.00	\$ 19,655.00	\$ 19,655.00	CONWR_AUS_GDOTSCOSTS_001883 - 001884
	434	NewFields (RI/FS)	12/13/2002	4263	0233-001-200	General Dynamics-Crab Orchard	\$ 67,949.31	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001852 - 001882	RFP/Developmt/Review/Selection	\$ 33,498.33	\$ 33,498.33	\$ 33,498.33	CONWR_AUS_GDOTSCOSTS_001883 - 001884
	434	NewFields (RI/FS)	12/13/2002	4263	0233-001-200	General Dynamics-Crab Orchard	\$ 67,949.31	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001852 - 001882	Program Management	\$ 2,093.75	\$ 2,093.75	\$ 2,093.75	CONWR_AUS_GDOTSCOSTS_001883 - 001884
	435	NewFields (RI/FS)	12/19/2002	4294	0233-001-200	General Dynamics-Crab Orchard	\$ 39,560.89	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001885 - 001905	Work Plan Development/Review	\$ 2,000.00	\$ 1,994.94	\$ 1,994.94	CONWR_AUS_GDOTSCOSTS_001906 - 001907
	435	NewFields (RI/FS)	12/19/2002	4294	0233-001-200	General Dynamics-Crab Orchard	\$ 39,560.89	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001885 - 001905	Program Management	\$ 963.77	\$ 961.33	\$ 961.33	CONWR_AUS_GDOTSCOSTS_001906 - 001907
	435	NewFields (RI/FS)	12/19/2002	4294	0233-001-200	General Dynamics-Crab Orchard	\$ 39,560.89	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001885 - 001905	RFP/Developmt/Review/Selection	\$ 10,700.00	\$ 10,672.95	\$ 10,672.95	CONWR_AUS_GDOTSCOSTS_001906 - 001907
	435	NewFields (RI/FS)	12/19/2002	4294	0233-001-200	General Dynamics-Crab Orchard	\$ 39,560.89	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001885 - 001905	Site Scoping Doc/DB/GISAT	\$ 20,410.00	\$ 20,358.41	\$ 20,358.41	CONWR_AUS_GDOTSCOSTS_001906 - 001907
	435	NewFields (RI/FS)	12/19/2002	4294	0233-001-200	General Dynamics-Crab Orchard	\$ 39,560.89	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001885 - 001905	Negotiations of AOC/SOW	\$ 4,450.00	\$ 4,438.75	\$ 4,438.75	CONWR_AUS_GDOTSCOSTS_001906 - 001907
	435	NewFields (RI/FS)	12/19/2002	4294	0233-001-200	General Dynamics-Crab Orchard	\$ 39,560.89	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001885 - 001905	Professional Services	\$ 1,037.12	\$ 1,034.50	\$ 1,034.50	CONWR_AUS_GDOTSCOSTS_001906 - 001907
	438	NewFields (RI/FS)	1/10/2003	4399	0233-001-200	General Dynamics-Crab Orchard	\$ 22,704.23	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001908 - 001919	Professional Services	\$ 317.73	\$ 317.73	\$ 317.73	CONWR_AUS_GDOTSCOSTS_001920 - 001922
	438	NewFields (RI/FS)	1/10/2003	4399	0233-001-200	General Dynamics-Crab Orchard	\$ 22,704.23	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001908 - 001919	Negotiations of AOC/SOW	\$ 800.00	\$ 800.00	\$ 800.00	CONWR_AUS_GDOTSCOSTS_001920 - 001922
	438	NewFields (RI/FS)	1/10/2003	4399	0233-001-200	General Dynamics-Crab Orchard	\$ 22,704.23	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001908 - 001919	Site Scoping Doc/DB/GISAT	\$ 7,375.00	\$ 7,375.00	\$ 7,375.00	CONWR_AUS_GDOTSCOSTS_001920 - 001922
	438	NewFields (RI/FS)	1/10/2003	4399	0233-001-200	General Dynamics-Crab Orchard	\$ 22,704.23	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001908 - 001919	RFP/Developmt/Review/Selection	\$ 4,220.00	\$ 4,220.00	\$ 4,220.00	CONWR_AUS_GDOTSCOSTS_001920 - 001922
	438	NewFields (RI/FS)	1/10/2003	4399	0233-001-200	General Dynamics-Crab Orchard	\$ 22,704.23	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001908 - 001919	Work Plan Development/Review	\$ 8,231.50	\$ 8,231.50	\$ 8,231.50	CONWR_AUS_GDOTSCOSTS_001920 - 001922
	438	NewFields (RI/FS)	1/10/2003	4399	0233-001-200	General Dynamics-Crab Orchard	\$ 22,704.23	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001908 - 001919	Program Management	\$ 1,760.00	\$ 1,760.00	\$ 1,760.00	CONWR_AUS_GDOTSCOSTS_001920 - 001922
	439	NewFields (RI/FS)	2/17/2003	4536	0233-001-200	General Dynamics-Crab Orchard	\$ 93,446.54	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001923 - 001962	Work Plan Development/Review	\$ 12,325.00	\$ 12,325.00	\$ 12,325.00	CONWR_AUS_GDOTSCOSTS_001963 - 001965
	439	NewFields (RI/FS)	2/17/2003	4536	0233-001-200	General Dynamics-Crab Orchard	\$ 93,446.54	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001923 - 001962	RFP/Developmt/Review/Selection	\$ 34,779.68	\$ 34,779.68	\$ 34,779.68	CONWR_AUS_GDOTSCOSTS_001963 - 001965
	439	NewFields (RI/FS)	2/17/2003	4536	0233-001-200	General Dynamics-Crab Orchard	\$ 93,446.54	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001923 - 001962	Negotiations of AOC/SOW	\$ 200.00	\$ 200.00	\$ 200.00	CONWR_AUS_GDOTSCOSTS_001963 - 001965
	439	NewFields (RI/FS)	2/17/2003	4536	0233-001-200	General Dynamics-Crab Orchard	\$ 93,446.54	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001923 - 001962	Professional Services	\$ 2,526.00	\$ 2,526.00	\$ 2,526.00	CONWR_AUS_GDOTSCOSTS_001963 - 001965
	439	NewFields (RI/FS)	2/17/2003	4536	0233-001-200	General Dynamics-Crab Orchard	\$ 93,446.54	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001923 - 001962	Program Management	\$ 3,860.00	\$ 3,860.00	\$ 3,860.00	CONWR_AUS_GDOTSCOSTS_001963 - 001965
	439	NewFields (RI/FS)	2/17/2003	4536	0233-001-200	General Dynamics-Crab Orchard	\$ 93,446.54	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001923 - 001962	Site Scoping Doc/DB/GISAT	\$ 39,755.86	\$ 39,755.86	\$ 39,755.86	CONWR_AUS_GDOTSCOSTS_001963 - 001965
	436	NewFields (RI/FS)	3/10/2003	4619	0233-001-200	General Dynamics-Crab Orchard	\$ 98,707.96	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001966 - 002032	Meetings and Travel	\$ 259.26	\$ 259.26	\$ 259.26	CONWR_AUS_GDOTSCOSTS_002033 - 002035
	436	NewFields (RI/FS)	3/10/2003	4619	0233-001-200	General Dynamics-Crab Orchard	\$ 98,707.96	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001966 - 002032	Project Management	\$ 3,507.76	\$ 3,507.76	\$ 3,507.76	CONWR_AUS_GDOTSCOSTS_002033 - 002035
	436	NewFields (RI/FS)	3/10/2003	4619	0233-001-200	General Dynamics-Crab Orchard	\$ 98,707.96	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001966 - 002032	Work Plan Development/Review	\$ 27,494.93	\$ 27,494.93	\$ 27,494.93	CONWR_AUS_GDOTSCOSTS_002033 - 002035
	436	NewFields (RI/FS)	3/10/2003	4619	0233-001-200	General Dynamics-Crab Orchard	\$ 98,707.96	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_001966 - 002032	Site Scoping Doc/DB/GISAT	\$ 67,446.01	\$ 67,446.01	\$ 67,446.01	CONWR_AUS_GDOTSCOSTS_002033 - 002035
	440	NewFields (RI/FS)	4/15/2003	4821	0233-001-200	General Dynamics-Crab Orchard	\$ 101,243.26	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002036 - 002087	Professional Services	\$ 177.50	\$ 177.50	\$ 177.50	CONWR_AUS_GDOTSCOSTS_002088 - 002090
	440	NewFields (RI/FS)	4/15/2003	4821	0233-001-200	General Dynamics-Crab Orchard	\$ 101,243.26	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002036 - 002087	Site Scoping Doc/DB/GISAT	\$ 78,058.64	\$ 78,058.64	\$ 78,058.64	CONWR_AUS_GDOTSCOSTS_002088 - 002090
	440	NewFields (RI/FS)	4/15/2003	4821	0233-001-200	General Dynamics-Crab Orchard	\$ 101,243.26	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002036 - 002087	Program Management	\$ 3,250.00	\$ 3,250.00	\$ 3,250.00	CONWR_AUS_GDOTSCOSTS_002088 - 002090
	440	NewFields (RI/FS)	4/15/2003	4821	0233-001-200	General Dynamics-Crab Orchard	\$ 101,243.26	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002036 - 002087	Meetings and Travel	\$ 19,777.12	\$ 19,777.12	\$ 19,777.12	CONWR_AUS_GDOTSCOSTS_002088 - 002090
	440	NewFields (RI/FS)	4/15/2003	4821	0233-001-200	General Dynamics-Crab Orchard	\$ 101,243.26	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002036 - 002087	FWS Lunch Payment	\$ (20.00)	\$ (20.00)	\$ (20.00)	CONWR_AUS_GDOTSCOSTS_002088 - 002090
	441	NewFields (RI/FS)	5/22/2003	5014	0233-001-200	General Dynamics-Crab Orchard	\$ 155,705.03	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002091 - 002149	Program Management	\$ 13,281.00	\$ 13,281.00	\$ 13,281.00	CONWR_AUS_GDOTSCOSTS_002150 - 002152

Invoice Database													
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related
													Amount Payment Documentation Bates Number
Nathan Invoice	441	NewFields (RI/FS)	5/22/2003	5014	0233-001-200	General Dynamics-Crab Orchard	\$ 155,705.03	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002091 - 002149	PRP Allocations	\$ 18,675.00	\$ 18,675.00	\$ - CONWR_AUS_GDOTSCOSTS_002150 - 002152
	441	NewFields (RI/FS)	5/22/2003	5014	0233-001-200	General Dynamics-Crab Orchard	\$ 155,705.03	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002091 - 002149	Professional Services	\$ 2,515.00	\$ 2,515.00	\$ 2,515.00 CONWR_AUS_GDOTSCOSTS_002150 - 002152
	441	NewFields (RI/FS)	5/22/2003	5014	0233-001-200	General Dynamics-Crab Orchard	\$ 155,705.03	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002091 - 002149	Site Scoping Doc/DB/GISAT	\$ 86,385.29	\$ 86,385.29	\$ 86,385.29 CONWR_AUS_GDOTSCOSTS_002150 - 002152
	441	NewFields (RI/FS)	5/22/2003	5014	0233-001-200	General Dynamics-Crab Orchard	\$ 155,705.03	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002091 - 002149	Work Plan Development/Review	\$ 34,848.74	\$ 34,848.74	\$ 34,848.74 CONWR_AUS_GDOTSCOSTS_002150 - 002152
	442	NewFields (RI/FS)	6/18/2003	5259	0233-001-200	General Dynamics-Crab Orchard	\$ 63,207.59	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002153 - 002197	RI/FS Report	\$ 425.00	\$ 425.00	\$ 425.00 CONWR_AUS_GDOTSCOSTS_002198 - 002200
	442	NewFields (RI/FS)	6/18/2003	5259	0233-001-200	General Dynamics-Crab Orchard	\$ 63,207.59	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002153 - 002197	Professional Services	\$ 6,195.70	\$ 6,195.70	\$ 6,195.70 CONWR_AUS_GDOTSCOSTS_002198 - 002200
	442	NewFields (RI/FS)	6/18/2003	5259	0233-001-200	General Dynamics-Crab Orchard	\$ 63,207.59	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002153 - 002197	Meetings and Travel	\$ 2,509.10	\$ 2,509.10	\$ 2,509.10 CONWR_AUS_GDOTSCOSTS_002198 - 002200
	442	NewFields (RI/FS)	6/18/2003	5259	0233-001-200	General Dynamics-Crab Orchard	\$ 63,207.59	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002153 - 002197	Program Management	\$ 2,922.58	\$ 2,922.58	\$ 2,922.58 CONWR_AUS_GDOTSCOSTS_002198 - 002200
	442	NewFields (RI/FS)	6/18/2003	5259	0233-001-200	General Dynamics-Crab Orchard	\$ 63,207.59	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002153 - 002197	Work Plan Development/Review	\$ 19,540.00	\$ 19,540.00	\$ 19,540.00 CONWR_AUS_GDOTSCOSTS_002198 - 002200
	442	NewFields (RI/FS)	6/18/2003	5259	0233-001-200	General Dynamics-Crab Orchard	\$ 63,207.59	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002153 - 002197	Site Scoping Doc/DB/GISAT	\$ 10,665.21	\$ 10,665.21	\$ 10,665.21 CONWR_AUS_GDOTSCOSTS_002198 - 002200
	442	NewFields (RI/FS)	6/18/2003	5259	0233-001-200	General Dynamics-Crab Orchard	\$ 63,207.59	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002153 - 002197	PRP Allocations	\$ 20,950.00	\$ 20,950.00	\$ - CONWR_AUS_GDOTSCOSTS_002198 - 002200
	443	NewFields (RI/FS)	7/15/2003	5394	0233-001-200	General Dynamics-Crab Orchard	\$ 96,054.62	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002201 - 002238	Work Plan Development/Review	\$ 91,658.95	\$ 91,658.95	\$ 91,658.95 CONWR_AUS_GDOTSCOSTS_002239 - 002241
	443	NewFields (RI/FS)	7/15/2003	5394	0233-001-200	General Dynamics-Crab Orchard	\$ 96,054.62	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002201 - 002238	Program Management	\$ 20.48	\$ 20.48	\$ 20.48 CONWR_AUS_GDOTSCOSTS_002239 - 002241
	443	NewFields (RI/FS)	7/15/2003	5394	0233-001-200	General Dynamics-Crab Orchard	\$ 96,054.62	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002201 - 002238	Meetings and Travel	\$ 1,050.19	\$ 1,050.19	\$ 1,050.19 CONWR_AUS_GDOTSCOSTS_002239 - 002241
	443	NewFields (RI/FS)	7/15/2003	5394	0233-001-200	General Dynamics-Crab Orchard	\$ 96,054.62	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002201 - 002238	PRP Allocations	\$ 3,325.00	\$ 3,325.00	\$ - CONWR_AUS_GDOTSCOSTS_002239 - 002241
	444	NewFields (RI/FS)	8/13/2003	5668	0233-001-200	General Dynamics-Crab Orchard	\$ 125,957.96	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002242 - 002304	Program Management	\$ 875.00	\$ 875.00	\$ 875.00 CONWR_AUS_GDOTSCOSTS_002305 - 002307
	444	NewFields (RI/FS)	8/13/2003	5668	0233-001-200	General Dynamics-Crab Orchard	\$ 125,957.96	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002242 - 002304	Work Plan Development/Review	\$ 113,405.08	\$ 113,405.08	\$ 113,405.08 CONWR_AUS_GDOTSCOSTS_002305 - 002307
	444	NewFields (RI/FS)	8/13/2003	5668	0233-001-200	General Dynamics-Crab Orchard	\$ 125,957.96	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002242 - 002304	Professional Services	\$ 3,975.00	\$ 3,975.00	\$ 3,975.00 CONWR_AUS_GDOTSCOSTS_002305 - 002307
	444	NewFields (RI/FS)	8/13/2003	5668	0233-001-200	General Dynamics-Crab Orchard	\$ 125,957.96	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002242 - 002304	PRP Allocations	\$ 7,702.88	\$ 7,702.88	\$ - CONWR_AUS_GDOTSCOSTS_002305 - 002307
	445	NewFields (RI/FS)	9/12/2003	5909	0233-001-200	General Dynamics-Crab Orchard	\$ 31,253.67	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002308 - 002342	PRP Allocations	\$ 9,000.00	\$ 9,000.00	\$ - CONWR_AUS_GDOTSCOSTS_002343 - 002345
	445	NewFields (RI/FS)	9/12/2003	5909	0233-001-200	General Dynamics-Crab Orchard	\$ 31,253.67	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002308 - 002342	Professional Services	\$ 280.00	\$ 280.00	\$ 280.00 CONWR_AUS_GDOTSCOSTS_002343 - 002345
	445	NewFields (RI/FS)	9/12/2003	5909	0233-001-200	General Dynamics-Crab Orchard	\$ 31,253.67	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002308 - 002342	Work Plan Development/Review	\$ 6,683.88	\$ 6,683.88	\$ 6,683.88 CONWR_AUS_GDOTSCOSTS_002343 - 002345
	445	NewFields (RI/FS)	9/12/2003	5909	0233-001-200	General Dynamics-Crab Orchard	\$ 31,253.67	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002308 - 002342	Ecological Risk Consultant	\$ 600.00	\$ 600.00	\$ 600.00 CONWR_AUS_GDOTSCOSTS_002343 - 002345
	445	NewFields (RI/FS)	9/12/2003	5909	0233-001-200	General Dynamics-Crab Orchard	\$ 31,253.67	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002308 - 002342	Program Management	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00 CONWR_AUS_GDOTSCOSTS_002343 - 002345
	445	NewFields (RI/FS)	9/12/2003	5909	0233-001-200	General Dynamics-Crab Orchard	\$ 31,253.67	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002308 - 002342	Meetings and Travel	\$ 13,289.79	\$ 13,289.79	\$ 13,289.79 CONWR_AUS_GDOTSCOSTS_002343 - 002345
	446	NewFields (RI/FS)	10/3/2003	6063	0233-001-200	General Dynamics-Crab Orchard	\$ 49,327.54	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002346 - 002374	PRP Allocations	\$ 600.00	\$ 600.00	\$ - CONWR_AUS_GDOTSCOSTS_002375 - 002377
	446	NewFields (RI/FS)	10/3/2003	6063	0233-001-200	General Dynamics-Crab Orchard	\$ 49,327.54	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002346 - 002374	Meetings and Travel	\$ 9,845.16	\$ 9,845.16	\$ 9,845.16 CONWR_AUS_GDOTSCOSTS_002375 - 002377
	446	NewFields (RI/FS)	10/3/2003	6063	0233-001-200	General Dynamics-Crab Orchard	\$ 49,327.54	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002346 - 002374	Program Management	\$ 9,872.29	\$ 9,872.29	\$ 9,872.29 CONWR_AUS_GDOTSCOSTS_002375 - 002377
	446	NewFields (RI/FS)	10/3/2003	6063	0233-001-200	General Dynamics-Crab Orchard	\$ 49,327.54	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002346 - 002374	Work Plan Development/Review	\$ 16,360.09	\$ 16,360.09	\$ 16,360.09 CONWR_AUS_GDOTSCOSTS_002375 - 002377
	446	NewFields (RI/FS)	10/3/2003	6063	0233-001-200	General Dynamics-Crab Orchard	\$ 49,327.54	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002346 - 002374	Ecological Risk Assessment	\$ 12,650.00	\$ 12,650.00	\$ 12,650.00 CONWR_AUS_GDOTSCOSTS_002375 - 002377
	447	NewFields (RI/FS)	11/7/2003	6290	0233-001-200	General Dynamics-Crab Orchard	\$ 38,685.46	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002378 - 002412	Work Plan Development/Review	\$ 18,849.40	\$ 18,849.40	\$ 18,849.40 CONWR_AUS_GDOTSCOSTS_002413 - 002415
	447	NewFields (RI/FS)	11/7/2003	6290	0233-001-200	General Dynamics-Crab Orchard	\$ 38,685.46	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002378 - 002412	PRP Allocations	\$ 7,187.50	\$ 7,187.50	\$ - CONWR_AUS_GDOTSCOSTS_002413 - 002415
	447	NewFields (RI/FS)	11/7/2003	6290	0233-001-200	General Dynamics-Crab Orchard	\$ 38,685.46	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002378 - 002412	Meetings and Travel	\$ 8,796.52	\$ 8,796.52	\$ 8,796.52 CONWR_AUS_GDOTSCOSTS_002413 - 002415
	447	NewFields (RI/FS)	11/7/2003	6290	0233-001-200	General Dynamics-Crab Orchard	\$ 38,685.46	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002378 - 002412	Ecological Risk Consultant	\$ 739.50	\$ 739.50	\$ 739.50 CONWR_AUS_GDOTSCOSTS_002413 - 002415
	447	NewFields (RI/FS)	11/7/2003	6290	0233-001-200	General Dynamics-Crab Orchard	\$ 38,685.46	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002378 - 002412	Project Management	\$ 3,112.54	\$ 3,112.54	\$ 3,112.54 CONWR_AUS_GDOTSCOSTS_002413 - 002415

Invoice Database													
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related
													Amount Payment Documentation Bates Number
Nathan Invoice	448	NewFields (RI/FS)	12/3/2003	6416	0233-001-200	General Dynamics-Crab Orchard	\$ 22,428.50	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002416 - 002420	Work Plan Development/Review	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00 CONWR_AUS_GDOTSCOSTS_002421 - 002423
	448	NewFields (RI/FS)	12/3/2003	6416	0233-001-200	General Dynamics-Crab Orchard	\$ 22,428.50	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002416 - 002420	Program Management	\$ 4,778.50	\$ 4,778.50	\$ 4,778.50 CONWR_AUS_GDOTSCOSTS_002421 - 002423
	448	NewFields (RI/FS)	12/3/2003	6416	0233-001-200	General Dynamics-Crab Orchard	\$ 22,428.50	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002416 - 002420	Meetings and Travel	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00 CONWR_AUS_GDOTSCOSTS_002421 - 002423
	448	NewFields (RI/FS)	12/3/2003	6416	0233-001-200	General Dynamics-Crab Orchard	\$ 22,428.50	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002416 - 002420	PRP Allocations	\$ 5,450.00	\$ 5,450.00	\$ - CONWR_AUS_GDOTSCOSTS_002421 - 002423
	449	NewFields (RI/FS)	1/15/2004	6695	0233-001-200	General Dynamics-Crab Orchard	\$ 76,891.36	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002424 - 002445	Site Scoping Doc/DB/GISAT	\$ 300.00	\$ 300.00	\$ 300.00 CONWR_AUS_GDOTSCOSTS_002446 - 002448
	449	NewFields (RI/FS)	1/15/2004	6695	0233-001-200	General Dynamics-Crab Orchard	\$ 76,891.36	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002424 - 002445	Work Plan Development/Review	\$ 66,656.85	\$ 66,656.81	\$ 66,656.81 CONWR_AUS_GDOTSCOSTS_002446 - 002448
	449	NewFields (RI/FS)	1/15/2004	6695	0233-001-200	General Dynamics-Crab Orchard	\$ 76,891.36	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002424 - 002445	Project Management	\$ 9,260.00	\$ 9,259.99	\$ 9,259.99 CONWR_AUS_GDOTSCOSTS_002446 - 002448
	449	NewFields (RI/FS)	1/15/2004	6695	0233-001-200	General Dynamics-Crab Orchard	\$ 76,891.36	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002424 - 002445	Meetings and Travel	\$ 674.51	\$ 674.51	\$ 674.51 CONWR_AUS_GDOTSCOSTS_002446 - 002448
	450	NewFields (RI/FS)	2/9/2004	6836	0233-001-200	General Dynamics-Crab Orchard	\$ 106,645.42	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002449 - 002470	Program Management	\$ 9,805.00	\$ 9,805.00	\$ 9,805.00 CONWR_AUS_GDOTSCOSTS_002471 - 002473
	450	NewFields (RI/FS)	2/9/2004	6836	0233-001-200	General Dynamics-Crab Orchard	\$ 106,645.42	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002449 - 002470	Meetings and Travel	\$ 12,200.48	\$ 12,200.48	\$ 12,200.48 CONWR_AUS_GDOTSCOSTS_002471 - 002473
	450	NewFields (RI/FS)	2/9/2004	6836	0233-001-200	General Dynamics-Crab Orchard	\$ 106,645.42	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002449 - 002470	Work Plan Development/Review	\$ 84,639.94	\$ 84,639.94	\$ 84,639.94 CONWR_AUS_GDOTSCOSTS_002471 - 002473
	451	NewFields (RI/FS)	3/8/2004	7051	0233-001-200	General Dynamics-Crab Orchard	\$ 141,139.13	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002474 - 002508	Program Management	\$ 15,552.20	\$ 15,552.20	\$ 15,552.20 CONWR_AUS_GDOTSCOSTS_002509 - 002511
	451	NewFields (RI/FS)	3/8/2004	7051	0233-001-200	General Dynamics-Crab Orchard	\$ 141,139.13	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002474 - 002508	Work Plan Development/Review	\$ 125,586.93	\$ 125,586.93	\$ 125,586.93 CONWR_AUS_GDOTSCOSTS_002509 - 002511
	452	NewFields (RI/FS)	4/9/2004	7196	0233-001-200	General Dynamics-Crab Orchard	\$ 132,725.40	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002512 - 002570	Work Plan Development/Review	\$ 121,077.56	\$ 121,077.56	\$ 121,077.56 CONWR_AUS_GDOTSCOSTS_002571 - 002573
	452	NewFields (RI/FS)	4/9/2004	7196	0233-001-200	General Dynamics-Crab Orchard	\$ 132,725.40	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002512 - 002570	Project Management	\$ 10,492.95	\$ 10,492.95	\$ 10,492.95 CONWR_AUS_GDOTSCOSTS_002571 - 002573
	452	NewFields (RI/FS)	4/9/2004	7196	0233-001-200	General Dynamics-Crab Orchard	\$ 132,725.40	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002512 - 002570	Meetings and Travel	\$ 1,154.89	\$ 1,154.89	\$ 1,154.89 CONWR_AUS_GDOTSCOSTS_002571 - 002573
	453	NewFields (RI/FS)	5/12/2004	7589	0233-001-200	General Dynamics-Crab Orchard	\$ 47,488.46	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002574 - 002590	Work Plan Development/Review	\$ 40,669.78	\$ 40,669.78	\$ 40,669.78 CONWR_AUS_GDOTSCOSTS_002591 - 002593
	453	NewFields (RI/FS)	5/12/2004	7589	0233-001-200	General Dynamics-Crab Orchard	\$ 47,488.46	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002574 - 002590	Program Management	\$ 5,468.68	\$ 5,468.68	\$ 5,468.68 CONWR_AUS_GDOTSCOSTS_002591 - 002593
	453	NewFields (RI/FS)	5/12/2004	7589	0233-001-200	General Dynamics-Crab Orchard	\$ 47,488.46	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002574 - 002590	PRP Allocations	\$ 1,350.00	\$ 1,350.00	\$ - CONWR_AUS_GDOTSCOSTS_002591 - 002593
	454	NewFields (RI/FS)	6/3/2004	7668	0233-001-200	General Dynamics-Crab Orchard	\$ 70,304.91	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002594 - 002616	Work Plan Development/Review	\$ 62,649.91	\$ 62,649.91	\$ 62,649.91 CONWR_AUS_GDOTSCOSTS_002617 - 002619
	454	NewFields (RI/FS)	6/3/2004	7668	0233-001-200	General Dynamics-Crab Orchard	\$ 70,304.91	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002594 - 002616	Project Management	\$ 7,655.00	\$ 7,655.00	\$ 7,655.00 CONWR_AUS_GDOTSCOSTS_002617 - 002619
	455	NewFields (RI/FS)	7/9/2004	7912	0233-001-200	General Dynamics-Crab Orchard	\$ 51,088.97	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002620 - 002634	Work Plan Development/Review	\$ 43,145.15	\$ 43,145.15	\$ 43,145.15 CONWR_AUS_GDOTSCOSTS_002635 - 002637
	455	NewFields (RI/FS)	7/9/2004	7912	0233-001-200	General Dynamics-Crab Orchard	\$ 51,088.97	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002620 - 002634	Program Management	\$ 6,343.82	\$ 6,343.82	\$ 6,343.82 CONWR_AUS_GDOTSCOSTS_002635 - 002637
	455	NewFields (RI/FS)	7/9/2004	7912	0233-001-200	General Dynamics-Crab Orchard	\$ 51,088.97	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002620 - 002634	PRP Allocations	\$ 1,600.00	\$ 1,600.00	\$ - CONWR_AUS_GDOTSCOSTS_002635 - 002637
	456	NewFields (RI/FS)	8/5/2004	8208	0233-001-200	General Dynamics-Crab Orchard	\$ 57,347.53	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002638 - 002657	Work Plan Development/Review	\$ 56,617.53	\$ 56,617.53	\$ 56,617.53 CONWR_AUS_GDOTSCOSTS_002658 - 002660
	456	NewFields (RI/FS)	8/5/2004	8208	0233-001-200	General Dynamics-Crab Orchard	\$ 57,347.53	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002638 - 002657	Program Management	\$ 730.00	\$ 730.00	\$ 730.00 CONWR_AUS_GDOTSCOSTS_002658 - 002660
	463	NewFields (RI/FS)	9/3/2004	8503	0233-001-200	General Dynamics-Crab Orchard	\$ 88,168.55	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002661 - 002675	Program Management	\$ 427.00	\$ 427.00	\$ 427.00 CONWR_AUS_GDOTSCOSTS_002676 - 002678
	463	NewFields (RI/FS)	9/3/2004	8503	0233-001-200	General Dynamics-Crab Orchard	\$ 88,168.55	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002661 - 002675	Workplan Development/Review	\$ 87,741.55	\$ 87,741.55	\$ 87,741.55 CONWR_AUS_GDOTSCOSTS_002676 - 002678
	457	NewFields (RI/FS)	10/8/2004	8756	0233-001-200	General Dynamics-Crab Orchard	\$ 27,185.39	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002679 - 002683	Program Management	\$ 760.00	\$ 760.00	\$ 760.00 CONWR_AUS_GDOTSCOSTS_002684 - 002686
	457	NewFields (RI/FS)	10/8/2004	8756	0233-001-200	General Dynamics-Crab Orchard	\$ 27,185.39	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002679 - 002683	Field Work Oversight/Coord.	\$ 19,985.39	\$ 19,985.39	\$ 19,985.39 CONWR_AUS_GDOTSCOSTS_002684 - 002686
	457	NewFields (RI/FS)	10/8/2004	8756	0233-001-200	General Dynamics-Crab Orchard	\$ 27,185.39	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002679 - 002683	PRP Allocations	\$ 250.00	\$ 250.00	\$ - CONWR_AUS_GDOTSCOSTS_002684 - 002686
	457	NewFields (RI/FS)	10/8/2004	8756	0233-001-200	General Dynamics-Crab Orchard	\$ 27,185.39	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002679 - 002683	Work Plan Development/Review	\$ 6,190.00	\$ 6,190.00	\$ 6,190.00 CONWR_AUS_GDOTSCOSTS_002684 - 002686
	458	NewFields (RI/FS)	11/3/2004	9016	0233-001-200	General Dynamics-Crab Orchard	\$ 26,233.91	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002687 - 002692	Work Plan Development/Review	\$ 5,000.71	\$ 5,000.71	\$ 5,000.71 CONWR_AUS_GDOTSCOSTS_002693 - 002695
	458	NewFields (RI/FS)	11/3/2004	9016	0233-001-200	General Dynamics-Crab Orchard	\$ 26,233.91	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002687 - 002692	Program Management	\$ 485.00	\$ 485.00	\$ 485.00 CONWR_AUS_GDOTSCOSTS_002693 - 002695
	458	NewFields (RI/FS)	11/3/2004	9016	0233-001-200	General Dynamics-Crab Orchard	\$ 26,233.91	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002687 - 002692	Meetings and Travel	\$ 20,748.20	\$ 20,748.20	\$ 20,748.20 CONWR_AUS_GDOTSCOSTS_002693 - 002695

Invoice Database													
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related
													Amount Payment Documentation Bates Number
Nathan Invoice	459	NewFields (RI/FS)	12/1/2004	9303	0233-001-200	General Dynamics-Crab Orchard	\$ 20,094.90	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002696 - 002703	Work Plan Development/Review	\$ 11,640.00	\$ 11,640.00	\$ 11,640.00 CONWR_AUS_GDOTSCOSTS_002704 - 002709
	459	NewFields (RI/FS)	12/1/2004	9303	0233-001-200	General Dynamics-Crab Orchard	\$ 20,094.90	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002696 - 002703	Project Management	\$ 8,405.90	\$ 8,405.90	\$ 8,405.90 CONWR_AUS_GDOTSCOSTS_002704 - 002709
	459	NewFields (RI/FS)	12/1/2004	9303	0233-001-200	General Dynamics-Crab Orchard	\$ 20,094.90	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002696 - 002703	Meetings and Travel	\$ 49.00	\$ 49.00	\$ 49.00 CONWR_AUS_GDOTSCOSTS_002704 - 002709
	460	NewFields (RI/FS)	1/7/2005	9680	0233-001-200	General Dynamics-Crab Orchard	\$ 24,047.68	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002710 - 002716	Program Management	\$ 6,282.18	\$ 6,282.18	\$ 6,282.18 CONWR_AUS_GDOTSCOSTS_002717 - 002719
	460	NewFields (RI/FS)	1/7/2005	9680	0233-001-200	General Dynamics-Crab Orchard	\$ 24,047.68	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002710 - 002716	Work Plan Development/Review	\$ 17,765.50	\$ 17,765.50	\$ 17,765.50 CONWR_AUS_GDOTSCOSTS_002717 - 002719
	461	NewFields (RI/FS)	2/3/2005	9884	0233-001-200	General Dynamics-Crab Orchard	\$ 16,959.86	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002720 - 002726	Work Plan Development/Review	\$ 3,540.00	\$ 3,540.00	\$ 3,540.00 CONWR_AUS_GDOTSCOSTS_002727 - 002729
	461	NewFields (RI/FS)	2/3/2005	9884	0233-001-200	General Dynamics-Crab Orchard	\$ 16,959.86	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002720 - 002726	Program Management	\$ 9,114.86	\$ 9,114.86	\$ 9,114.86 CONWR_AUS_GDOTSCOSTS_002727 - 002729
	461	NewFields (RI/FS)	2/3/2005	9884	0233-001-200	General Dynamics-Crab Orchard	\$ 16,959.86	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002720 - 002726	PRP Allocations	\$ 4,305.00	\$ 4,305.00	\$ - CONWR_AUS_GDOTSCOSTS_002727 - 002729
	464	NewFields (RI/FS)	3/7/2005	10256	0233-001-200	General Dynamics-Crab Orchard	\$ 3,137.50	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002730 - 002731	Program Management	\$ 1,837.50	\$ 1,837.50	\$ 1,837.50 CONWR_AUS_GDOTSCOSTS_002732 - 002733
	464	NewFields (RI/FS)	3/7/2005	10256	0233-001-200	General Dynamics-Crab Orchard	\$ 3,137.50	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002730 - 002731	PRP Allocations	\$ 1,300.00	\$ 1,300.00	\$ - CONWR_AUS_GDOTSCOSTS_002732 - 002733
	462	NewFields (RI/FS)	4/6/2005	10432	0233-001-200	General Dynamics-Crab Orchard	\$ 47,622.94	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002734 - 002746	Work Plan Development/Review	\$ 27,762.08	\$ 27,762.08	\$ 27,762.08 CONWR_AUS_GDOTSCOSTS_002747 - 002749
	462	NewFields (RI/FS)	4/6/2005	10432	0233-001-200	General Dynamics-Crab Orchard	\$ 47,622.94	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002734 - 002746	Program Management	\$ 2,587.50	\$ 2,587.50	\$ 2,587.50 CONWR_AUS_GDOTSCOSTS_002747 - 002749
	462	NewFields (RI/FS)	4/6/2005	10432	0233-001-200	General Dynamics-Crab Orchard	\$ 47,622.94	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002734 - 002746	Meetings and Travel	\$ 17,273.36	\$ 17,273.36	\$ 17,273.36 CONWR_AUS_GDOTSCOSTS_002747 - 002749
	465	NewFields (RI/FS)	5/9/2005	10832	0233-001-200	General Dynamics-Crab Orchard	\$ 53,202.09	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002750 - 002772	Work Plan Development/Review	\$ 26,640.88	\$ 26,640.88	\$ 26,640.88 CONWR_AUS_GDOTSCOSTS_002773 - 002774
	465	NewFields (RI/FS)	5/9/2005	10832	0233-001-200	General Dynamics-Crab Orchard	\$ 53,202.09	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002750 - 002772	Program Management	\$ 5,177.67	\$ 5,177.67	\$ 5,177.67 CONWR_AUS_GDOTSCOSTS_002773 - 002774
	465	NewFields (RI/FS)	5/9/2005	10832	0233-001-200	General Dynamics-Crab Orchard	\$ 53,202.09	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002750 - 002772	Meetings and Travel	\$ 21,383.54	\$ 21,383.54	\$ 21,383.54 CONWR_AUS_GDOTSCOSTS_002773 - 002774
	466	NewFields (RI/FS)	6/8/2005	11183	0233-001-200	General Dynamics-Crab Orchard	\$ 76,007.86	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002775 - 002813	Program Management	\$ 3,880.37	\$ 3,878.74	\$ 3,878.74 CONWR_AUS_GDOTSCOSTS_002814 - 002815
	466	NewFields (RI/FS)	6/8/2005	11183	0233-001-200	General Dynamics-Crab Orchard	\$ 76,007.86	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002775 - 002813	Meetings and Travel	\$ 20,023.43	\$ 20,015.00	\$ 20,015.00 CONWR_AUS_GDOTSCOSTS_002814 - 002815
	466	NewFields (RI/FS)	6/8/2005	11183	0233-001-200	General Dynamics-Crab Orchard	\$ 76,007.86	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002775 - 002813	Work Plan Development/Review	\$ 52,104.06	\$ 52,082.12	\$ 52,082.12 CONWR_AUS_GDOTSCOSTS_002814 - 002815
	467	NewFields (RI/FS)	7/12/2005	11406	0233-001-200	General Dynamics-Crab Orchard	\$ 93,230.33	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002816 - 002846	Program Management	\$ 4,393.20	\$ 4,393.20	\$ 4,393.20 CONWR_AUS_GDOTSCOSTS_002847 - 002848
	467	NewFields (RI/FS)	7/12/2005	11406	0233-001-200	General Dynamics-Crab Orchard	\$ 93,230.33	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002816 - 002846	Meetings and Travel	\$ 1,229.45	\$ 1,229.45	\$ 1,229.45 CONWR_AUS_GDOTSCOSTS_002847 - 002848
	467	NewFields (RI/FS)	7/12/2005	11406	0233-001-200	General Dynamics-Crab Orchard	\$ 93,230.33	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002816 - 002846	Work Plan Development/Review	\$ 87,607.68	\$ 87,607.68	\$ 87,607.68 CONWR_AUS_GDOTSCOSTS_002847 - 002848
	468	NewFields (RI/FS)	8/10/2005	11673	0233-001-200	General Dynamics-Crab Orchard	\$ 64,674.84	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002849 - 002864	Work Plan Development/Review	\$ 55,316.15	\$ 55,316.15	\$ 55,316.15 CONWR_AUS_GDOTSCOSTS_002865 - 002867
	468	NewFields (RI/FS)	8/10/2005	11673	0233-001-200	General Dynamics-Crab Orchard	\$ 64,674.84	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002849 - 002864	Program Management	\$ 3,087.50	\$ 3,087.50	\$ 3,087.50 CONWR_AUS_GDOTSCOSTS_002865 - 002867
	468	NewFields (RI/FS)	8/10/2005	11673	0233-001-200	General Dynamics-Crab Orchard	\$ 64,674.84	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002849 - 002864	Meetings and Travel	\$ 6,271.19	\$ 6,271.19	\$ 6,271.19 CONWR_AUS_GDOTSCOSTS_002865 - 002867
	469	NewFields (RI/FS)	9/13/2005	11809	0233-001-200	General Dynamics-Crab Orchard	\$ 142,066.63	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002868 - 002930	Work Plan Development/Review	\$ 141,716.63	\$ 141,716.63	\$ 141,716.63 CONWR_AUS_GDOTSCOSTS_002931 - 002933
	469	NewFields (RI/FS)	9/13/2005	11809	0233-001-200	General Dynamics-Crab Orchard	\$ 142,066.63	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002868 - 002930	Program Management	\$ 350.00	\$ 350.00	\$ 350.00 CONWR_AUS_GDOTSCOSTS_002931 - 002933
	470	NewFields (RI/FS)	10/10/2005	12219	0233-001-200	General Dynamics-Crab Orchard	\$ 19,643.35	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002934 - 002946	Work Plan Development/Review	\$ 8,390.87	\$ 8,390.87	\$ 8,390.87 CONWR_AUS_GDOTSCOSTS_002947 - 002947
	470	NewFields (RI/FS)	10/10/2005	12219	0233-001-200	General Dynamics-Crab Orchard	\$ 19,643.35	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002934 - 002946	Program Management	\$ 8,759.52	\$ 8,759.52	\$ 8,759.52 CONWR_AUS_GDOTSCOSTS_002947 - 002947
	470	NewFields (RI/FS)	10/10/2005	12219	0233-001-200	General Dynamics-Crab Orchard	\$ 19,643.35	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002934 - 002946	Meetings and Travel	\$ 2,492.96	\$ 2,492.96	\$ 2,492.96 CONWR_AUS_GDOTSCOSTS_002947 - 002947
	471	NewFields (RI/FS)	11/9/2005	12502	0233-001-200	General Dynamics-Crab Orchard	\$ 25,504.04	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002948 - 002957	Work Plan Development/Review	\$ 14,422.50	\$ 14,422.50	\$ 14,422.50 CONWR_AUS_GDOTSCOSTS_002947 - 002947
	471	NewFields (RI/FS)	11/9/2005	12502	0233-001-200	General Dynamics-Crab Orchard	\$ 25,504.04	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002948 - 002957	PRP Allocations	\$ 700.00	\$ 700.00	\$ - CONWR_AUS_GDOTSCOSTS_002947 - 002947
	471	NewFields (RI/FS)	11/9/2005	12502	0233-001-200	General Dynamics-Crab Orchard	\$ 25,504.04	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002948 - 002957	Program Management	\$ 5,775.00	\$ 5,775.00	\$ 5,775.00 CONWR_AUS_GDOTSCOSTS_002947 - 002947
	471	NewFields (RI/FS)	11/9/2005	12502	0233-001-200	General Dynamics-Crab Orchard	\$ 25,504.04	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002948 - 002957	Meetings and Travel	\$ 4,606.54	\$ 4,606.54	\$ 4,606.54 CONWR_AUS_GDOTSCOSTS_002947 - 002947
	472	NewFields (RI/FS)	12/14/2005	12829	0233-001-200	General Dynamics-Crab Orchard	\$ 42,274.08	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002959 - 002964	Work Plan Development/Review	\$ 33,624.08	\$ 33,624.08	\$ 33,624.08 CONWR_AUS_GDOTSCOSTS_002947 - 002947

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
													Amount	
Nathan Invoice	472	NewFields (RI/FS)	12/14/2005	12829	0233-001-200	General Dynamics-Crab Orchard	\$ 42,274.08	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002959 - 002964	Program Management	\$ 8,650.00	\$ 8,650.00	\$ 8,650.00	CONWR_AUS_GDOTSCOSTS_002947 - 002947
	473	NewFields (RI/FS)	1/10/2006	13064	0233-001-200	General Dynamics-Crab Orchard	\$ 48,385.34	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002966 - 002980	Work Plan Development/Review	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	CONWR_AUS_GDOTSCOSTS_002981 - 002982
	473	NewFields (RI/FS)	1/10/2006	13064	0233-001-200	General Dynamics-Crab Orchard	\$ 48,385.34	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002966 - 002980	Program Management	\$ 4,575.00	\$ 4,575.00	\$ 4,575.00	CONWR_AUS_GDOTSCOSTS_002981 - 002982
	473	NewFields (RI/FS)	1/10/2006	13064	0233-001-200	General Dynamics-Crab Orchard	\$ 48,385.34	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002966 - 002980	Meetings and Travel	\$ 8,810.34	\$ 8,810.34	\$ 8,810.34	CONWR_AUS_GDOTSCOSTS_002981 - 002982
	474	NewFields (RI/FS)	2/7/2006	13264	0233-001-200	General Dynamics-Crab Orchard	\$ 85,729.24	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002983 - 003006	Work Plan Development/Review	\$ 76,367.77	\$ 76,367.77	\$ 76,367.77	CONWR_AUS_GDOTSCOSTS_003007 - 003008
	474	NewFields (RI/FS)	2/7/2006	13264	0233-001-200	General Dynamics-Crab Orchard	\$ 85,729.24	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002983 - 003006	Program Management	\$ 4,300.00	\$ 4,300.00	\$ 4,300.00	CONWR_AUS_GDOTSCOSTS_003007 - 003008
	474	NewFields (RI/FS)	2/7/2006	13264	0233-001-200	General Dynamics-Crab Orchard	\$ 85,729.24	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_002983 - 003006	Meetings and Travel	\$ 5,061.47	\$ 5,061.47	\$ 5,061.47	CONWR_AUS_GDOTSCOSTS_003007 - 003008
	475	NewFields (RI/FS)	3/7/2006	13559	0233-001-200	General Dynamics-Crab Orchard	\$ 52,054.32	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_003009 - 003044	Work Plan Development/Review	\$ 44,104.32	\$ 44,104.32	\$ 44,104.32	CONWR_AUS_GDOTSCOSTS_003045 - 003046
	475	NewFields (RI/FS)	3/7/2006	13559	0233-001-200	General Dynamics-Crab Orchard	\$ 52,054.32	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_003009 - 003044	Program Management	\$ 7,950.00	\$ 7,950.00	\$ 7,950.00	CONWR_AUS_GDOTSCOSTS_003045 - 003046
	476	NewFields (RI/FS)	4/18/2006	13922	0233-001-200	General Dynamics-Crab Orchard	\$ 89,486.68	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_003047 - 003057	Work Plan Development/Review	\$ 41,016.68	\$ 18,800.21	\$ 18,800.21	CONWR_AUS_GDOTSCOSTS_003058 - 003059
	476	NewFields (RI/FS)	4/18/2006	13922	0233-001-200	General Dynamics-Crab Orchard	\$ 89,486.68	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_003047 - 003057	Program Management	\$ 48,470.00	\$ 22,216.47	\$ 22,216.47	CONWR_AUS_GDOTSCOSTS_003058 - 003059
	477	NewFields (RI/FS)	5/10/2006	14163	0233-001-200	General Dynamics-Crab Orchard	\$ 34,291.67	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_003060 - 003075	Work Plan Development/Review	\$ 19,027.00	\$ 19,027.00	\$ 19,027.00	CONWR_AUS_GDOTSCOSTS_003076 - 002077
	477	NewFields (RI/FS)	5/10/2006	14163	0233-001-200	General Dynamics-Crab Orchard	\$ 34,291.67	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_003060 - 003075	Program Management	\$ 15,264.67	\$ 15,264.67	\$ 15,264.67	CONWR_AUS_GDOTSCOSTS_003076 - 002077
	478	NewFields (RI/FS)	6/15/2006	14447	0233-001-200	General Dynamics-Crab Orchard	\$ 77,401.82	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_003078 - 003120	Program Management	\$ 10,850.00	\$ 10,850.00	\$ 10,850.00	CONWR_AUS_GDOTSCOSTS_003121 - 003123
	478	NewFields (RI/FS)	6/15/2006	14447	0233-001-200	General Dynamics-Crab Orchard	\$ 77,401.82	Technical and strategic planning assistance	CONWR_AUS_GDOTSCOSTS_003078 - 003120	Work Plan Development/Review	\$ 66,551.82	\$ 66,551.82	\$ 66,551.82	CONWR_AUS_GDOTSCOSTS_003121 - 003123
	479	NewFields (RI/FS)	7/12/2006	14689	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 85,093.27	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003124 - 003182	Project Management	\$ 37,512.43	\$ 37,512.43	\$ 37,512.43	2020OLINCOS_0058810 - 0058892
	479	NewFields (RI/FS)	7/12/2006	14689	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 85,093.27	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003124 - 003182	GIS Maintenance	\$ 16,118.91	\$ 16,118.91	\$ 16,118.91	2020OLINCOS_0058810 - 0058892
	479	NewFields (RI/FS)	7/12/2006	14689	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 85,093.27	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003124 - 003182	Meetings	\$ 24,286.93	\$ 24,286.93	\$ 24,286.93	2020OLINCOS_0058810 - 0058892
	479	NewFields (RI/FS)	7/12/2006	14689	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 85,093.27	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003124 - 003182	Individual Sites	\$ 7,175.00	\$ 7,175.00	\$ 7,175.00	2020OLINCOS_0058810 - 0058892
	480	NewFields (RI/FS)	8/9/2006	14993	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 28,115.46	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003183 - 003212	Project Management	\$ 13,081.26	\$ 13,081.26	\$ 13,081.26	2020OLINCOS_0058810 - 0058892
	480	NewFields (RI/FS)	8/9/2006	14993	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 28,115.46	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003183 - 003212	Risk Assessment Support	\$ 350.00	\$ 350.00	\$ 350.00	2020OLINCOS_0058810 - 0058892
	480	NewFields (RI/FS)	8/9/2006	14993	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 28,115.46	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003183 - 003212	GIS Maintenance	\$ 3,850.00	\$ 3,850.00	\$ 3,850.00	2020OLINCOS_0058810 - 0058892
	480	NewFields (RI/FS)	8/9/2006	14993	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 28,115.46	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003183 - 003212	Meetings	\$ 6,062.90	\$ 6,062.90	\$ 6,062.90	2020OLINCOS_0058810 - 0058892
	480	NewFields (RI/FS)	8/9/2006	14993	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 28,115.46	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003183 - 003212	Individual Sites	\$ 4,771.30	\$ 4,771.30	\$ 4,771.30	2020OLINCOS_0058810 - 0058892
	481	NewFields (RI/FS)	9/14/2006	15214	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 37,323.65	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003213 - 003240	Project Management	\$ 21,852.50	\$ 21,852.50	\$ 21,852.50	2020OLINCOS_0058810 - 0058892
	481	NewFields (RI/FS)	9/14/2006	15214	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 37,323.65	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003213 - 003240	Individual Sites	\$ 4,324.19	\$ 4,324.19	\$ 4,324.19	2020OLINCOS_0058810 - 0058892
	481	NewFields (RI/FS)	9/14/2006	15214	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 37,323.65	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003213 - 003240	Meetings	\$ 3,157.01	\$ 3,157.01	\$ 3,157.01	2020OLINCOS_0058810 - 0058892
	481	NewFields (RI/FS)	9/14/2006	15214	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 37,323.65	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003213 - 003240	GIS Maintenance	\$ 7,114.95	\$ 7,114.95	\$ 7,114.95	2020OLINCOS_0058810 - 0058892
	481	NewFields (RI/FS)	9/14/2006	15214	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 37,323.65	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003213 - 003240	Risk Assessment Support	\$ 875.00	\$ 875.00	\$ 875.00	2020OLINCOS_0058810 - 0058892
	482	NewFields (RI/FS)	10/10/2006	15484	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 37,686.84	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003241 - 003258	Project Management	\$ 21,506.70	\$ 21,506.70	\$ 21,506.70	2020OLINCOS_0058810 - 0058892
	482	NewFields (RI/FS)	10/10/2006	15484	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 37,686.84	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003241 - 003258	GIS Maintenance	\$ 5,412.50	\$ 5,412.50	\$ 5,412.50	2020OLINCOS_0058810 - 0058892
	482	NewFields (RI/FS)	10/10/2006	15484	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 37,686.84	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003241 - 003258	Meetings	\$ 1,338.44	\$ 1,338.44	\$ 1,338.44	2020OLINCOS_0058810 - 0058892
	482	NewFields (RI/FS)	10/10/2006	15484	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 37,686.84	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003241 - 003258	Individual Sites	\$ 9,429.20	\$ 9,429.20	\$ 9,429.20	2020OLINCOS_0058810 - 0058892

Invoice Database														
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related		
												Amount	Payment	Documentation Bates Number
483	NewFields (RI/FS)	11/9/2006	15926	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 31,568.70	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003259 - 003273	Project Management	\$ 12,050.00	\$ 12,050.00	\$ 12,050.00	2020OLINCOS_0058810 - 0058892	
483	NewFields (RI/FS)	11/9/2006	15926	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 31,568.70	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003259 - 003273	GIS Maintenance	\$ 13,525.00	\$ 13,525.00	\$ 13,525.00	2020OLINCOS_0058810 - 0058892	
483	NewFields (RI/FS)	11/9/2006	15926	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 31,568.70	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003259 - 003273	Meetings	\$ 2,843.70	\$ 2,843.70	\$ 2,843.70	2020OLINCOS_0058810 - 0058892	
483	NewFields (RI/FS)	11/9/2006	15926	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 31,568.70	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003259 - 003273	Individual Sites	\$ 3,150.00	\$ 3,150.00	\$ 3,150.00	2020OLINCOS_0058810 - 0058892	
484	NewFields (RI/FS)	12/14/2006	16212	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 78,642.82	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003274 - 003291	GIS Maintenance	\$ 15,729.96	\$ 15,729.96	\$ 15,729.96	2020OLINCOS_0058810 - 0058892	
484	NewFields (RI/FS)	12/14/2006	16212	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 78,642.82	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003274 - 003291	Individual Sites	\$ 12,342.10	\$ 12,342.10	\$ 12,342.10	2020OLINCOS_0058810 - 0058892	
484	NewFields (RI/FS)	12/14/2006	16212	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 78,642.82	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003274 - 003291	Data Reporting	\$ 36,200.00	\$ 36,200.00	\$ 36,200.00	2020OLINCOS_0058810 - 0058892	
484	NewFields (RI/FS)	12/14/2006	16212	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 78,642.82	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003274 - 003291	Project Management	\$ 14,370.76	\$ 14,370.76	\$ 14,370.76	2020OLINCOS_0058810 - 0058892	
485	NewFields (RI/FS)	1/9/2007	16393	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 56,469.43	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003292 - 003337	Project Management	\$ 10,422.96	\$ 10,422.96	\$ 10,422.96	2020OLINCOS_0058810 - 0058892	
485	NewFields (RI/FS)	1/9/2007	16393	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 56,469.43	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003292 - 003337	Data Reporting	\$ 12,925.00	\$ 12,925.00	\$ 12,925.00	2020OLINCOS_0058810 - 0058892	
485	NewFields (RI/FS)	1/9/2007	16393	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 56,469.43	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003292 - 003337	GIS Maintenance	\$ 9,552.06	\$ 9,552.06	\$ 9,552.06	2020OLINCOS_0058810 - 0058892	
485	NewFields (RI/FS)	1/9/2007	16393	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 56,469.43	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003292 - 003337	Meetings	\$ 13,125.59	\$ 13,125.59	\$ 13,125.59	2020OLINCOS_0058810 - 0058892	
485	NewFields (RI/FS)	1/9/2007	16393	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 56,469.43	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003292 - 003337	Individual Sites	\$ 10,443.82	\$ 10,443.82	\$ 10,443.82	2020OLINCOS_0058810 - 0058892	
486	NewFields (RI/FS)	2/15/2007	16825	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 44,014.43	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003338 - 003363	Individual Sites	\$ 7,226.10	\$ 7,226.10	\$ 7,226.10	2020OLINCOS_0058810 - 0058892	
486	NewFields (RI/FS)	2/15/2007	16825	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 44,014.43	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003338 - 003363	Project Management	\$ 9,312.50	\$ 9,312.50	\$ 9,312.50	2020OLINCOS_0058810 - 0058892	
486	NewFields (RI/FS)	2/15/2007	16825	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 44,014.43	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003338 - 003363	Data Reporting	\$ 6,150.00	\$ 6,150.00	\$ 6,150.00	2020OLINCOS_0058810 - 0058892	
486	NewFields (RI/FS)	2/15/2007	16825	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 44,014.43	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003338 - 003363	Risk Assessment Support	\$ 2,975.00	\$ 2,975.00	\$ 2,975.00	2020OLINCOS_0058810 - 0058892	
486	NewFields (RI/FS)	2/15/2007	16825	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 44,014.43	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003338 - 003363	GIS Maintenance	\$ 13,568.51	\$ 13,568.51	\$ 13,568.51	2020OLINCOS_0058810 - 0058892	
486	NewFields (RI/FS)	2/15/2007	16825	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 44,014.43	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003338 - 003363	Meetings	\$ 4,782.32	\$ 4,782.32	\$ 4,782.32	2020OLINCOS_0058810 - 0058892	
487	NewFields (RI/FS)	3/14/2007	17124	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 59,857.20	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003364 - 003383	GIS Maintenance	\$ 16,275.00	\$ 16,275.00	\$ 16,275.00	2020OLINCOS_0058810 - 0058892	
487	NewFields (RI/FS)	3/14/2007	17124	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 59,857.20	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003364 - 003383	Risk Assessment Support	\$ 4,790.00	\$ 4,790.00	\$ 4,790.00	2020OLINCOS_0058810 - 0058892	
487	NewFields (RI/FS)	3/14/2007	17124	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 59,857.20	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003364 - 003383	Project Management	\$ 10,167.65	\$ 10,167.65	\$ 10,167.65	2020OLINCOS_0058810 - 0058892	
487	NewFields (RI/FS)	3/14/2007	17124	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 59,857.20	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003364 - 003383	Meetings	\$ 1,599.55	\$ 1,599.55	\$ 1,599.55	2020OLINCOS_0058810 - 0058892	
487	NewFields (RI/FS)	3/14/2007	17124	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 59,857.20	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003364 - 003383	Individual Sites	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	2020OLINCOS_0058810 - 0058892	
487	NewFields (RI/FS)	3/14/2007	17124	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 59,857.20	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003364 - 003383	Data Reporting	\$ 25,625.00	\$ 25,625.00	\$ 25,625.00	2020OLINCOS_0058810 - 0058892	
488	NewFields (RI/FS)	4/12/2007	17444	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 44,179.55	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003384 - 003415	Meetings	\$ 11,223.99	\$ 11,223.99	\$ 11,223.99	2020OLINCOS_0058810 - 0058892	
488	NewFields (RI/FS)	4/12/2007	17444	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 44,179.55	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003384 - 003415	Individual Sites	\$ 700.00	\$ 700.00	\$ 700.00	2020OLINCOS_0058810 - 0058892	
488	NewFields (RI/FS)	4/12/2007	17444	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 44,179.55	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003384 - 003415	GIS Maintenance	\$ 7,950.00	\$ 7,950.00	\$ 7,950.00	2020OLINCOS_0058810 - 0058892	
488	NewFields (RI/FS)	4/12/2007	17444	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 44,179.55	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003384 - 003415	Data Reporting	\$ 14,625.00	\$ 14,625.00	\$ 14,625.00	2020OLINCOS_0058810 - 0058892	
488	NewFields (RI/FS)	4/12/2007	17444	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 44,179.55	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003384 - 003415	Project Management	\$ 9,680.56	\$ 9,680.56	\$ 9,680.56	2020OLINCOS_0058810 - 0058892	
489	NewFields (RI/FS)	5/10/2007	17780	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 38,659.57	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003416 - 003436	Data Reporting	\$ 15,080.00	\$ 15,080.00	\$ 15,080.00	2020OLINCOS_0058810 - 0058892	
489	NewFields (RI/FS)	5/10/2007	17780	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 38,659.57	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003416 - 003436	Risk Assessment	\$ 350.00	\$ 350.00	\$ 350.00	2020OLINCOS_0058810 - 0058892	

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	
													Amount	Payment Documentation Bates Number
	489	NewFields (RI/FS)	5/10/2007	17780	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 38,659.57	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003416 - 003436	GIS Maintenance	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	2020OLINCOS_0058810 - 0058892
	489	NewFields (RI/FS)	5/10/2007	17780	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 38,659.57	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003416 - 003436	Meetings	\$ 4,875.76	\$ 4,875.76	\$ 4,875.76	2020OLINCOS_0058810 - 0058892
	489	NewFields (RI/FS)	5/10/2007	17780	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 38,659.57	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003416 - 003436	Individual Sites	\$ 700.00	\$ 700.00	\$ 700.00	2020OLINCOS_0058810 - 0058892
	489	NewFields (RI/FS)	5/10/2007	17780	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 38,659.57	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003416 - 003436	Project Management	\$ 14,153.81	\$ 14,153.81	\$ 14,153.81	2020OLINCOS_0058810 - 0058892
	490	NewFields (RI/FS)	6/15/2007	18130	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 62,056.04	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003437 - 003484	Meetings	\$ 19,666.34	\$ 19,666.34	\$ 19,666.34	2020OLINCOS_0058810 - 0058892
	490	NewFields (RI/FS)	6/15/2007	18130	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 62,056.04	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003437 - 003484	GIS Maintenance	\$ 5,525.00	\$ 5,525.00	\$ 5,525.00	2020OLINCOS_0058810 - 0058892
	490	NewFields (RI/FS)	6/15/2007	18130	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 62,056.04	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003437 - 003484	Individual Sites	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	2020OLINCOS_0058810 - 0058892
	490	NewFields (RI/FS)	6/15/2007	18130	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 62,056.04	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003437 - 003484	Project Management	\$ 11,889.70	\$ 11,889.70	\$ 11,889.70	2020OLINCOS_0058810 - 0058892
	490	NewFields (RI/FS)	6/15/2007	18130	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 62,056.04	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003437 - 003484	Data Reporting	\$ 17,625.00	\$ 17,625.00	\$ 17,625.00	2020OLINCOS_0058810 - 0058892
	490	NewFields (RI/FS)	6/15/2007	18130	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 62,056.04	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003437 - 003484	Risk Assessment Support	\$ 5,950.00	\$ 5,950.00	\$ 5,950.00	2020OLINCOS_0058810 - 0058892
	493	NewFields (RI/FS)	7/17/2007	18436	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 47,406.85	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003485 - 003497	Individual Sites	\$ 12,250.00	\$ 12,250.00	\$ 12,250.00	2020OLINCOS_0058810 - 0058892
	493	NewFields (RI/FS)	7/17/2007	18436	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 47,406.85	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003485 - 003497	GIS Maintenance	\$ 2,450.00	\$ 2,450.00	\$ 2,450.00	2020OLINCOS_0058810 - 0058892
	493	NewFields (RI/FS)	7/17/2007	18436	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 47,406.85	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003485 - 003497	Data Reporting	\$ 15,100.00	\$ 15,100.00	\$ 15,100.00	2020OLINCOS_0058810 - 0058892
	493	NewFields (RI/FS)	7/17/2007	18436	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 47,406.85	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003485 - 003497	Project Management	\$ 17,606.85	\$ 17,606.85	\$ 17,606.85	2020OLINCOS_0058810 - 0058892
	491	NewFields (RI/FS)	8/14/2007	18698	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 43,503.79	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003498 - 003521	Data Management	\$ 9,719.72	\$ 9,719.72	\$ 9,719.72	2020OLINCOS_0058810 - 0058892
	491	NewFields (RI/FS)	8/14/2007	18698	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 43,503.79	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003498 - 003521	Risk Assessment Support	\$ 2,450.00	\$ 2,450.00	\$ 2,450.00	2020OLINCOS_0058810 - 0058892
	491	NewFields (RI/FS)	8/14/2007	18698	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 43,503.79	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003498 - 003521	GIS Maintenance	\$ 4,725.00	\$ 4,725.00	\$ 4,725.00	2020OLINCOS_0058810 - 0058892
	491	NewFields (RI/FS)	8/14/2007	18698	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 43,503.79	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003498 - 003521	Meetings	\$ 7,404.59	\$ 7,404.59	\$ 7,404.59	2020OLINCOS_0058810 - 0058892
	491	NewFields (RI/FS)	8/14/2007	18698	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 43,503.79	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003498 - 003521	Individual Sites	\$ 12,950.00	\$ 12,950.00	\$ 12,950.00	2020OLINCOS_0058810 - 0058892
	491	NewFields (RI/FS)	8/14/2007	18698	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 43,503.79	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003498 - 003521	Project Management	\$ 6,254.48	\$ 6,254.48	\$ 6,254.48	2020OLINCOS_0058810 - 0058892
	492	NewFields (RI/FS)	9/25/2007	19055	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 62,950.73	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003522 - 003544	Risk Assessment Support	\$ 3,096.98	\$ 3,096.98	\$ 3,096.98	2020OLINCOS_0058810 - 0058892
	492	NewFields (RI/FS)	9/25/2007	19055	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 62,950.73	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003522 - 003544	GIS Maintenance	\$ 7,612.50	\$ 7,612.50	\$ 7,612.50	2020OLINCOS_0058810 - 0058892
	492	NewFields (RI/FS)	9/25/2007	19055	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 62,950.73	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003522 - 003544	Data Reporting	\$ 11,750.00	\$ 11,750.00	\$ 11,750.00	2020OLINCOS_0058810 - 0058892
	492	NewFields (RI/FS)	9/25/2007	19055	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 62,950.73	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003522 - 003544	Project Management	\$ 12,466.25	\$ 12,466.25	\$ 12,466.25	2020OLINCOS_0058810 - 0058892
	492	NewFields (RI/FS)	9/25/2007	19055	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 62,950.73	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003522 - 003544	Individual Sites	\$ 28,025.00	\$ 28,025.00	\$ 28,025.00	2020OLINCOS_0058810 - 0058892
	494	NewFields (RI/FS)	10/11/2007	19285	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 34,419.86	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003545 - 003562	Project Management	\$ 18,019.86	\$ 18,019.86	\$ 18,019.86	2020OLINCOS_0058810 - 0058892
	494	NewFields (RI/FS)	10/11/2007	19285	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 34,419.86	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003545 - 003562	Data Reporting	\$ 4,575.00	\$ 4,575.00	\$ 4,575.00	2020OLINCOS_0058810 - 0058892
	494	NewFields (RI/FS)	10/11/2007	19285	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 34,419.86	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003545 - 003562	Individual Sites	\$ 11,825.00	\$ 11,825.00	\$ 11,825.00	2020OLINCOS_0058810 - 0058892
	495	NewFields (RI/FS)	11/19/2007	19654	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 67,874.03	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003563 - 003602	GIS Maintenance	\$ 2,800.00	\$ 2,800.00	\$ 2,800.00	2020OLINCOS_0058810 - 0058892
	495	NewFields (RI/FS)	11/19/2007	19654	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 67,874.03	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003563 - 003602	Individual Sites	\$ 29,193.67	\$ 29,193.67	\$ 29,193.67	2020OLINCOS_0058810 - 0058892
	495	NewFields (RI/FS)	11/19/2007	19654	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 67,874.03	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003563 - 003602	True-Up Adjustment	\$ (350.00)	\$ (350.00)	\$ (350.00)	2020OLINCOS_0058810 - 0058892
	495	NewFields (RI/FS)	11/19/2007	19654	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 67,874.03	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003563 - 003602	Data Reporting	\$ 4,375.00	\$ 4,375.00	\$ 4,375.00	2020OLINCOS_0058810 - 0058892

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
													Amount	
Nathan Invoice	495	NewFields (RI/FS)	11/19/2007	19654	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 67,874.03	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003563 - 003602	Project Management	\$ 31,505.36	\$ 31,505.36	\$ 31,505.36	2020OLINCOS_0058810 - 0058892
	495	NewFields (RI/FS)	11/19/2007	19654	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 67,874.03	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003563 - 003602	Risk Assessment Support	\$ 350.00	\$ 350.00	\$ 350.00	2020OLINCOS_0058810 - 0058892
	496	NewFields (RI/FS)	12/11/2007	19874	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,156.68	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003603 - 003622	Project Management	\$ 14,016.57	\$ 14,016.57	\$ 14,016.57	2020OLINCOS_0058810 - 0058892
	496	NewFields (RI/FS)	12/11/2007	19874	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,156.68	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003603 - 003622	Data Reporting	\$ 11,600.00	\$ 11,600.00	\$ 11,600.00	2020OLINCOS_0058810 - 0058892
	496	NewFields (RI/FS)	12/11/2007	19874	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,156.68	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003603 - 003622	Risk Assessment Support	\$ 7,175.00	\$ 7,175.00	\$ 7,175.00	2020OLINCOS_0058810 - 0058892
	496	NewFields (RI/FS)	12/11/2007	19874	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,156.68	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003603 - 003622	GIS Maintenance	\$ 5,075.00	\$ 5,075.00	\$ 5,075.00	2020OLINCOS_0058810 - 0058892
	496	NewFields (RI/FS)	12/11/2007	19874	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,156.68	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003603 - 003622	Individual Sites	\$ 20,615.11	\$ 20,615.11	\$ 20,615.11	2020OLINCOS_0058810 - 0058892
	496	NewFields (RI/FS)	12/11/2007	19874	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,156.68	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003603 - 003622	True-Up Adjustment	\$ (325.00)	\$ (325.00)	\$ (325.00)	2020OLINCOS_0058810 - 0058892
	497	NewFields (RI/FS)	1/10/2008	20240	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,887.39	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003623 - 003660	Risk Assessment Support	\$ 19,801.19	\$ 19,801.19	\$ 19,801.19	CONWR_AUS_GDOTSCOSTS_003661 - 003661
	497	NewFields (RI/FS)	1/10/2008	20240	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,887.39	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003623 - 003660	Individual Sites	\$ 14,875.00	\$ 14,875.00	\$ 14,875.00	CONWR_AUS_GDOTSCOSTS_003661 - 003661
	497	NewFields (RI/FS)	1/10/2008	20240	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,887.39	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003623 - 003660	GIS Maintenance	\$ 350.00	\$ 350.00	\$ 350.00	CONWR_AUS_GDOTSCOSTS_003661 - 003661
	497	NewFields (RI/FS)	1/10/2008	20240	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,887.39	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003623 - 003660	Data Reporting	\$ 1,700.00	\$ 1,700.00	\$ 1,700.00	CONWR_AUS_GDOTSCOSTS_003661 - 003661
	497	NewFields (RI/FS)	1/10/2008	20240	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,887.39	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003623 - 003660	Project Management	\$ 7,138.75	\$ 7,138.75	\$ 7,138.75	CONWR_AUS_GDOTSCOSTS_003661 - 003661
	497	NewFields (RI/FS)	1/10/2008	20240	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 58,887.39	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003623 - 003660	Meetings	\$ 15,022.45	\$ 15,022.45	\$ 15,022.45	CONWR_AUS_GDOTSCOSTS_003661 - 003661
	498	NewFields (RI/FS)	2/12/2008	20419	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 76,299.01	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003662 - 003689	Project Management	\$ 17,721.91	\$ 17,721.91	\$ 17,721.91	CONWR_AUS_GDOTSCOSTS_003690 - 003690
	498	NewFields (RI/FS)	2/12/2008	20419	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 76,299.01	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003662 - 003689	Data Reporting	\$ 1,927.30	\$ 1,927.30	\$ 1,927.30	CONWR_AUS_GDOTSCOSTS_003690 - 003690
	498	NewFields (RI/FS)	2/12/2008	20419	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 76,299.01	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003662 - 003689	Risk Assessment Support	\$ 932.11	\$ 932.11	\$ 932.11	CONWR_AUS_GDOTSCOSTS_003690 - 003690
	498	NewFields (RI/FS)	2/12/2008	20419	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 76,299.01	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003662 - 003689	GIS Maintenance	\$ 2,275.00	\$ 2,275.00	\$ 2,275.00	CONWR_AUS_GDOTSCOSTS_003690 - 003690
	498	NewFields (RI/FS)	2/12/2008	20419	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 76,299.01	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003662 - 003689	Meetings	\$ 8,442.69	\$ 8,442.69	\$ 8,442.69	CONWR_AUS_GDOTSCOSTS_003690 - 003690
	498	NewFields (RI/FS)	2/12/2008	20419	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 76,299.01	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003662 - 003689	Individual Sites	\$ 46,875.00	\$ 46,875.00	\$ 46,875.00	CONWR_AUS_GDOTSCOSTS_003690 - 003690
	498	NewFields (RI/FS)	2/12/2008	20419	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 76,299.01	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003662 - 003689	True-Up Adjustment	\$ (1,875.00)	\$ (1,875.00)	\$ (1,875.00)	CONWR_AUS_GDOTSCOSTS_003690 - 003690
	499	NewFields (RI/FS)	3/11/2008	20832	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 81,885.91	Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003691 - 003695	Data Reporting	\$ 29,450.00	\$ 29,450.00	\$ 29,450.00	CONWR_AUS_GDOTSCOSTS_003696 - 003696
	499	NewFields (RI/FS)	3/11/2008	20832	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 81,885.91	Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003691 - 003695	Meetings	\$ 11,966.53	\$ 11,966.53	\$ 11,966.53	CONWR_AUS_GDOTSCOSTS_003696 - 003696
	499	NewFields (RI/FS)	3/11/2008	20832	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 81,885.91	Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003691 - 003695	Project Management	\$ 14,950.00	\$ 14,950.00	\$ 14,950.00	CONWR_AUS_GDOTSCOSTS_003696 - 003696
	499	NewFields (RI/FS)	3/11/2008	20832	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 81,885.91	Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003691 - 003695	GIS Maintenance	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	CONWR_AUS_GDOTSCOSTS_003696 - 003696
	499	NewFields (RI/FS)	3/11/2008	20832	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 81,885.91	Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003691 - 003695	Risk Assessment Support	\$ 21,319.38	\$ 21,319.38	\$ 21,319.38	CONWR_AUS_GDOTSCOSTS_003696 - 003696
	500	NewFields (RI/FS)	4/16/2008	21131	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 59,354.54	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003697 - 003747	Project Management	\$ 15,120.48	\$ 15,120.48	\$ 15,120.48	CONWR_AUS_GDOTSCOSTS_003748 - 003748
	500	NewFields (RI/FS)	4/16/2008	21131	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 59,354.54	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003697 - 003747	Data Reporting	\$ 8,863.00	\$ 8,863.00	\$ 8,863.00	CONWR_AUS_GDOTSCOSTS_003748 - 003748
	500	NewFields (RI/FS)	4/16/2008	21131	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 59,354.54	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003697 - 003747	Risk Assessment Support	\$ 9,148.02	\$ 9,148.02	\$ 9,148.02	CONWR_AUS_GDOTSCOSTS_003748 - 003748
	500	NewFields (RI/FS)	4/16/2008	21131	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 59,354.54	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003697 - 003747	Pre Site Charac. Report	\$ 10,650.00	\$ 10,650.00	\$ 10,650.00	CONWR_AUS_GDOTSCOSTS_003748 - 003748
	500	NewFields (RI/FS)	4/16/2008	21131	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 59,354.54	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003697 - 003747	Meetings	\$ 15,573.04	\$ 15,573.04	\$ 15,573.04	CONWR_AUS_GDOTSCOSTS_003748 - 003748
	501	NewFields (RI/FS)	5/14/2008	21350	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 63,363.06	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003749 - 003761	Pre Site Charac. Report	\$ 35,375.00	\$ 35,375.00	\$ 35,375.00	CONWR_AUS_GDOTSCOSTS_003762 - 003762
	501	NewFields (RI/FS)	5/14/2008	21350	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 63,363.06	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003749 - 003761	Meetings	\$ 438.06	\$ 438.06	\$ 438.06	CONWR_AUS_GDOTSCOSTS_003762 - 003762
	501	NewFields (RI/FS)	5/14/2008	21350	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 63,363.06	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003749 - 003761	GIS Maintenance	\$ 9,450.00	\$ 9,450.00	\$ 9,450.00	CONWR_AUS_GDOTSCOSTS_003762 - 003762

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
													Amount	
Nathan Invoice	501	NewFields (RI/FS)	5/14/2008	21350	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 63,363.06	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003749 - 003761	Risk Assessment Support	\$ 1,650.00	\$ 1,650.00	\$ 1,650.00	CONWR_AUS_GDOTSCOSTS_003762 - 003762
	501	NewFields (RI/FS)	5/14/2008	21350	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 63,363.06	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003749 - 003761	Project Management	\$ 16,450.00	\$ 16,450.00	\$ 16,450.00	CONWR_AUS_GDOTSCOSTS_003762 - 003762
Nathan Invoice	502	NewFields (RI/FS)	6/4/2008	21717	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 46,269.30	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003763 - 003770	Pre Site Charac. Report	\$ 42,562.50	\$ 42,562.50	\$ 42,562.50	CONWR_AUS_GDOTSCOSTS_003771 - 003771
	502	NewFields (RI/FS)	6/4/2008	21717	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 46,269.30	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003763 - 003770	Project Management	\$ 3,706.80	\$ 3,706.80	\$ 3,706.80	CONWR_AUS_GDOTSCOSTS_003771 - 003771
Nathan Invoice	503	NewFields (RI/FS)	7/10/2008	22148	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 88,192.19	Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003772 - 003778	Pre Site Charac. Report	\$ 88,192.19	\$ 88,192.19	\$ 88,192.19	CONWR_AUS_GDOTSCOSTS_003779 - 003779
	504	NewFields (RI/FS)	8/12/2008	22349	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 51,842.50	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003780 - 003815	Project Management	\$ 4,921.39	\$ 4,921.39	\$ 4,921.39	CONWR_AUS_GDOTSCOSTS_003816 - 003816
Nathan Invoice	504	NewFields (RI/FS)	8/12/2008	22349	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 51,842.50	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003780 - 003815	Pre Site Charac. Report	\$ 46,921.11	\$ 46,921.11	\$ 46,921.11	CONWR_AUS_GDOTSCOSTS_003816 - 003816
	505	NewFields (RI/FS)	9/11/2008	22995	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 32,593.58	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003817 - 003832	Risk Assessment Support	\$ 350.00	\$ 350.00	\$ 350.00	CONWR_AUS_GDOTSCOSTS_003833 - 003833
Nathan Invoice	505	NewFields (RI/FS)	9/11/2008	22995	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 32,593.58	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003817 - 003832	Pre Site Charac. Report	\$ 32,243.58	\$ 32,243.58	\$ 32,243.58	CONWR_AUS_GDOTSCOSTS_003833 - 003833
	506	NewFields (RI/FS)	10/9/2008	23253	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 45,497.08	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003834 - 003854	Project Management	\$ 8,580.66	\$ 8,580.66	\$ 8,580.66	CONWR_AUS_GDOTSCOSTS_003855 - 003855
Nathan Invoice	506	NewFields (RI/FS)	10/9/2008	23253	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 45,497.08	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003834 - 003854	Risk Assessment Support	\$ 700.00	\$ 700.00	\$ 700.00	CONWR_AUS_GDOTSCOSTS_003855 - 003855
	506	NewFields (RI/FS)	10/9/2008	23253	0233-002-150	Gen. Dynamics: Crab Orchard II	\$ 45,497.08	CONWR - AUS OU Phase I Investigation - Field oversight of Crab Orchard RI/FS	CONWR_AUS_GDOTSCOSTS_003834 - 003854	Pre Site Charac. Report	\$ 36,216.42	\$ 36,216.42	\$ 36,216.42	CONWR_AUS_GDOTSCOSTS_003855 - 003855
Nathan Invoice	507	NewFields (RI/FS)	11/11/2008	23531	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 39,704.20	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003856 - 003884	Project Management	\$ 16,727.64	\$ 16,727.64	\$ 16,727.64	CONWR_AUS_GDOTSCOSTS_003885 - 003885
	507	NewFields (RI/FS)	11/11/2008	23531	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 39,704.20	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003856 - 003884	Data Reporting	\$ 15,204.73	\$ 15,204.73	\$ 15,204.73	CONWR_AUS_GDOTSCOSTS_003885 - 003885
Nathan Invoice	507	NewFields (RI/FS)	11/11/2008	23531	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 39,704.20	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003856 - 003884	GIS Maintenance	\$ 7,771.83	\$ 7,771.83	\$ 7,771.83	CONWR_AUS_GDOTSCOSTS_003885 - 003885
	508	NewFields (RI/FS)	12/10/2008	24234	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 26,115.00	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003886 - 003889	Project Management	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	CONWR_AUS_GDOTSCOSTS_003890 - 003890
Nathan Invoice	508	NewFields (RI/FS)	12/10/2008	24234	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 26,115.00	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003886 - 003889	Data Reporting	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	CONWR_AUS_GDOTSCOSTS_003890 - 003890
	508	NewFields (RI/FS)	12/10/2008	24234	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 26,115.00	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003886 - 003889	Risk Assessment Support	\$ 40.00	\$ 40.00	\$ 40.00	CONWR_AUS_GDOTSCOSTS_003890 - 003890
Nathan Invoice	508	NewFields (RI/FS)	12/10/2008	24234	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 26,115.00	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003886 - 003889	GIS Maintenance	\$ 4,075.00	\$ 4,075.00	\$ 4,075.00	CONWR_AUS_GDOTSCOSTS_003890 - 003890
	509	NewFields (RI/FS)	1/15/2009	24552	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 34,367.50	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003891 - 003894	Project Management	\$ 13,955.00	\$ 13,955.00	\$ 13,955.00	CONWR_AUS_GDOTSCOSTS_003895 - 003895
Nathan Invoice	509	NewFields (RI/FS)	1/15/2009	24552	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 34,367.50	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003891 - 003894	Data Reporting	\$ 16,425.00	\$ 16,425.00	\$ 16,425.00	CONWR_AUS_GDOTSCOSTS_003895 - 003895
	509	NewFields (RI/FS)	1/15/2009	24552	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 34,367.50	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003891 - 003894	GIS Maintenance	\$ 3,987.50	\$ 3,987.50	\$ 3,987.50	CONWR_AUS_GDOTSCOSTS_003895 - 003895
Nathan Invoice	510	NewFields (RI/FS)	2/9/2009	24735	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 30,608.43	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003896 - 003905	GIS Maintenance	\$ 4,300.00	\$ 4,300.00	\$ 4,300.00	CONWR_AUS_GDOTSCOSTS_003906 - 003906
	510	NewFields (RI/FS)	2/9/2009	24735	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 30,608.43	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003896 - 003905	Project Management	\$ 15,058.43	\$ 15,058.43	\$ 15,058.43	CONWR_AUS_GDOTSCOSTS_003906 - 003906
Nathan Invoice	510	NewFields (RI/FS)	2/9/2009	24735	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 30,608.43	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003896 - 003905	Data Reporting	\$ 11,250.00	\$ 11,250.00	\$ 11,250.00	CONWR_AUS_GDOTSCOSTS_003906 - 003906
	511	NewFields (RI/FS)	3/25/2009	25110	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 60,810.32	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003907 - 003939	Individual Sites	\$ 7,950.00	\$ 7,950.00	\$ 7,950.00	CONWR_AUS_GDOTSCOSTS_003940 - 003940
Nathan Invoice	511	NewFields (RI/FS)	3/25/2009	25110	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 60,810.32	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003907 - 003939	Meetings	\$ 1,670.63	\$ 1,670.63	\$ 1,670.63	CONWR_AUS_GDOTSCOSTS_003940 - 003940
	511	NewFields (RI/FS)	3/25/2009	25110	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 60,810.32	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003907 - 003939	GIS Maintenance	\$ 8,634.91	\$ 8,634.91	\$ 8,634.91	CONWR_AUS_GDOTSCOSTS_003940 - 003940
Nathan Invoice	511	NewFields (RI/FS)	3/25/2009	25110	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 60,810.32	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003907 - 003939	Project Management	\$ 22,124.78	\$ 22,124.78	\$ 22,124.78	CONWR_AUS_GDOTSCOSTS_003940 - 003940
	511	NewFields (RI/FS)	3/25/2009	25110	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 60,810.32	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003907 - 003939	Data Reporting	\$ 20,430.00	\$ 20,430.00	\$ 20,430.00	CONWR_AUS_GDOTSCOSTS_003940 - 003940
Nathan Invoice	512	NewFields (RI/FS)	4/7/2009	25561	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 54,765.15	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003941 - 003976	Project Management	\$ 9,518.32	\$ 9,518.32	\$ 9,518.32	CONWR_AUS_GDOTSCOSTS_003977 - 003977
	512	NewFields (RI/FS)	4/7/2009	25561	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 54,765.15	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003941 - 003976	Data Reporting	\$ 25,833.82	\$ 25,833.82	\$ 25,833.82	CONWR_AUS_GDOTSCOSTS_003977 - 003977

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
													Amount	
512	NewFields (RI/FS)		4/7/2009	25561	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 54,765.15	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003941 - 003976	GIS Maintenance	\$ 10,888.01	\$ 10,888.01	\$ 10,888.01	CONWR_AUS_GDOTSCOSTS_003977 - 003977
								CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003941 - 003976	Meetings	\$ 700.00	\$ 700.00	\$ 700.00	CONWR_AUS_GDOTSCOSTS_003977 - 003977
512	NewFields (RI/FS)		4/7/2009	25561	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 54,765.15	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003941 - 003976	Individual Sites	\$ 7,825.00	\$ 7,825.00	\$ 7,825.00	CONWR_AUS_GDOTSCOSTS_003977 - 003977
513	NewFields (RI/FS)		5/14/2009	25836	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 61,956.75	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003978 - 004002	Data Reporting	\$ 4,060.00	\$ 4,060.00	\$ 4,060.00	CONWR_AUS_GDOTSCOSTS_004003 - 004003
513	NewFields (RI/FS)		5/14/2009	25836	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 61,956.75	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003978 - 004002	Individual Sites	\$ 27,107.48	\$ 27,107.48	\$ 27,107.48	CONWR_AUS_GDOTSCOSTS_004003 - 004003
513	NewFields (RI/FS)		5/14/2009	25836	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 61,956.75	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003978 - 004002	Meetings	\$ 3,533.85	\$ 3,533.85	\$ 3,533.85	CONWR_AUS_GDOTSCOSTS_004003 - 004003
513	NewFields (RI/FS)		5/14/2009	25836	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 61,956.75	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003978 - 004002	Project Management	\$ 17,695.22	\$ 17,695.22	\$ 17,695.22	CONWR_AUS_GDOTSCOSTS_004003 - 004003
513	NewFields (RI/FS)		5/14/2009	25836	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 61,956.75	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_003978 - 004002	GIS Maintenance	\$ 9,560.20	\$ 9,560.20	\$ 9,560.20	CONWR_AUS_GDOTSCOSTS_004003 - 004003
514	NewFields (RI/FS)		6/11/2009	26149	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 34,204.54	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004004 - 004020	Project Management	\$ 18,368.18	\$ 18,368.18	\$ 18,368.18	CONWR_AUS_GDOTSCOSTS_004021 - 004021
514	NewFields (RI/FS)		6/11/2009	26149	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 34,204.54	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004004 - 004020	Data Reporting	\$ 2,065.31	\$ 2,065.31	\$ 2,065.31	CONWR_AUS_GDOTSCOSTS_004021 - 004021
514	NewFields (RI/FS)		6/11/2009	26149	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 34,204.54	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004004 - 004020	GIS Maintenance	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	CONWR_AUS_GDOTSCOSTS_004021 - 004021
514	NewFields (RI/FS)		6/11/2009	26149	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 34,204.54	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004004 - 004020	Meetings	\$ 1,071.05	\$ 1,071.05	\$ 1,071.05	CONWR_AUS_GDOTSCOSTS_004021 - 004021
514	NewFields (RI/FS)		6/11/2009	26149	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 34,204.54	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004004 - 004020	Individual Sites	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	CONWR_AUS_GDOTSCOSTS_004021 - 004021
515	NewFields (RI/FS)		7/7/2009	26353	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 35,662.34	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004022 - 004038	Meetings	\$ 4,224.74	\$ 4,224.74	\$ 4,224.74	CONWR_AUS_GDOTSCOSTS_004039 - 004039
515	NewFields (RI/FS)		7/7/2009	26353	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 35,662.34	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004022 - 004038	Individual Sites	\$ 10,600.00	\$ 10,600.00	\$ 10,600.00	CONWR_AUS_GDOTSCOSTS_004039 - 004039
515	NewFields (RI/FS)		7/7/2009	26353	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 35,662.34	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004022 - 004038	GIS Maintenance	\$ 4,700.00	\$ 4,700.00	\$ 4,700.00	CONWR_AUS_GDOTSCOSTS_004039 - 004039
515	NewFields (RI/FS)		7/7/2009	26353	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 35,662.34	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004022 - 004038	Data Reporting	\$ 2,275.00	\$ 2,275.00	\$ 2,275.00	CONWR_AUS_GDOTSCOSTS_004039 - 004039
515	NewFields (RI/FS)		7/7/2009	26353	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 35,662.34	CONWR - AUS OU Phase II Investigation - Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004022 - 004038	Project Management	\$ 13,862.60	\$ 13,862.60	\$ 13,862.60	CONWR_AUS_GDOTSCOSTS_004039 - 004039
516	NewFields (RI/FS)		8/12/2009	26738	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 52,451.58	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004040 - 004046	Data Reporting	\$ 11,875.00	\$ 11,875.00	\$ 11,875.00	CONWR_AUS_GDOTSCOSTS_004047 - 004047
516	NewFields (RI/FS)		8/12/2009	26738	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 52,451.58	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004040 - 004046	Risk Assessment Support	\$ 350.00	\$ 350.00	\$ 350.00	CONWR_AUS_GDOTSCOSTS_004047 - 004047
516	NewFields (RI/FS)		8/12/2009	26738	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 52,451.58	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004040 - 004046	GIS Maintenance	\$ 12,965.43	\$ 12,965.43	\$ 12,965.43	CONWR_AUS_GDOTSCOSTS_004047 - 004047
516	NewFields (RI/FS)		8/12/2009	26738	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 52,451.58	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004040 - 004046	Meetings	\$ 3,973.13	\$ 3,973.13	\$ 3,973.13	CONWR_AUS_GDOTSCOSTS_004047 - 004047
516	NewFields (RI/FS)		8/12/2009	26738	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 52,451.58	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004040 - 004046	Individual Sites	\$ 4,663.02	\$ 4,663.02	\$ 4,663.02	CONWR_AUS_GDOTSCOSTS_004047 - 004047
516	NewFields (RI/FS)		8/12/2009	26738	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 52,451.58	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004040 - 004046	Project Management	\$ 18,625.00	\$ 18,625.00	\$ 18,625.00	CONWR_AUS_GDOTSCOSTS_004047 - 004047
517	NewFields (RI/FS)		9/14/2009	27245	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 32,372.02	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004048 - 004050	GIS Maintenance	\$ 4,772.02	\$ 4,772.02	\$ 4,772.02	CONWR_AUS_GDOTSCOSTS_004051 - 004051
517	NewFields (RI/FS)		9/14/2009	27245	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 32,372.02	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004048 - 004050	Project Management	\$ 12,250.00	\$ 12,250.00	\$ 12,250.00	CONWR_AUS_GDOTSCOSTS_004051 - 004051
517	NewFields (RI/FS)		9/14/2009	27245	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 32,372.02	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004048 - 004050	Data Reporting	\$ 15,350.00	\$ 15,350.00	\$ 15,350.00	CONWR_AUS_GDOTSCOSTS_004051 - 004051
518	NewFields (RI/FS)		10/14/2009	27558	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 41,452.13	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004052 - 004055	Site 4W	\$ 454.66	\$ 454.66	\$ 454.66	CONWR_AUS_GDOTSCOSTS_004056 - 004056
518	NewFields (RI/FS)		10/14/2009	27558	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 41,452.13	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004052 - 004055	GIS Maintenance	\$ 6,935.15	\$ 6,935.15	\$ 6,935.15	CONWR_AUS_GDOTSCOSTS_004056 - 004056
518	NewFields (RI/FS)		10/14/2009	27558	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 41,452.13	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004052 - 004055	Project Management	\$ 19,323.72	\$ 19,323.72	\$ 19,323.72	CONWR_AUS_GDOTSCOSTS_004056 - 004056
518	NewFields (RI/FS)		10/14/2009	27558	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 41,452.13	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004052 - 004055	Data Reporting	\$ 14,738.60	\$ 14,738.60	\$ 14,738.60	CONWR_AUS_GDOTSCOSTS_004056 - 004056
519	NewFields (RI/FS)		11/11/2009	28073	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$ 27,975.00	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004057 - 004059	Project Management	\$ 12,950.00	\$ 12,950.00	\$ 12,950.00	CONWR_AUS_GDOTSCOSTS_004060 - 004060

Invoice Database														
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount		Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
													Amount	
519	NewFields (RI/FS)	11/11/2009	28073	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	27,975.00	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004057 - 004059	Data Reporting	\$ 10,350.00	\$ 10,350.00	\$ 10,350.00	CONWR_AUS_GDOTSCOSTS_004060 - 004060
519	NewFields (RI/FS)	11/11/2009	28073	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	27,975.00	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004057 - 004059	Risk Assessment Support	\$ 350.00	\$ 350.00	\$ 350.00	CONWR_AUS_GDOTSCOSTS_004060 - 004060
519	NewFields (RI/FS)	11/11/2009	28073	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	27,975.00	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004057 - 004059	GIS Maintenance	\$ 1,700.00	\$ 1,700.00	\$ 1,700.00	CONWR_AUS_GDOTSCOSTS_004060 - 004060
519	NewFields (RI/FS)	11/11/2009	28073	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	27,975.00	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004057 - 004059	Meetings	\$ 2,625.00	\$ 2,625.00	\$ 2,625.00	CONWR_AUS_GDOTSCOSTS_004060 - 004060
520	NewFields (RI/FS)	12/7/2009	28334	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	34,062.19	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004061 - 004064	Remedial Investigation Rep	\$ 9,475.00	\$ 9,475.00	\$ 9,475.00	CONWR_AUS_GDOTSCOSTS_004065 - 004065
520	NewFields (RI/FS)	12/7/2009	28334	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	34,062.19	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004061 - 004064	Meetings	\$ 339.56	\$ 339.56	\$ 339.56	CONWR_AUS_GDOTSCOSTS_004065 - 004065
520	NewFields (RI/FS)	12/7/2009	28334	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	34,062.19	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004061 - 004064	GIS Maintenance	\$ 822.63	\$ 822.63	\$ 822.63	CONWR_AUS_GDOTSCOSTS_004065 - 004065
520	NewFields (RI/FS)	12/7/2009	28334	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	34,062.19	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004061 - 004064	Risk Assessment Support	\$ 525.00	\$ 525.00	\$ 525.00	CONWR_AUS_GDOTSCOSTS_004065 - 004065
520	NewFields (RI/FS)	12/7/2009	28334	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	34,062.19	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004061 - 004064	Data Reporting	\$ 9,775.00	\$ 9,775.00	\$ 9,775.00	CONWR_AUS_GDOTSCOSTS_004065 - 004065
520	NewFields (RI/FS)	12/7/2009	28334	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	34,062.19	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004061 - 004064	Project Management	\$ 13,125.00	\$ 13,125.00	\$ 13,125.00	CONWR_AUS_GDOTSCOSTS_004065 - 004065
521	NewFields (RI/FS)	1/13/2010	28718	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	30,626.98	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004066 - 004069	Data Reporting	\$ 9,800.00	\$ 9,800.00	\$ 9,800.00	CONWR_AUS_GDOTSCOSTS_004070 - 004070
521	NewFields (RI/FS)	1/13/2010	28718	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	30,626.98	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004066 - 004069	GIS Maintenance	\$ 5,899.49	\$ 5,899.49	\$ 5,899.49	CONWR_AUS_GDOTSCOSTS_004070 - 004070
521	NewFields (RI/FS)	1/13/2010	28718	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	30,626.98	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004066 - 004069	Remedial Investigation Rep	\$ 7,650.00	\$ 7,650.00	\$ 7,650.00	CONWR_AUS_GDOTSCOSTS_004070 - 004070
521	NewFields (RI/FS)	1/13/2010	28718	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	30,626.98	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004066 - 004069	Project Management	\$ 7,277.49	\$ 7,277.49	\$ 7,277.49	CONWR_AUS_GDOTSCOSTS_004070 - 004070
522	NewFields (RI/FS)	2/11/2010	29000	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	43,113.80	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004071 - 004074	Project Management	\$ 15,250.00	\$ 15,250.00	\$ 15,250.00	CONWR_AUS_GDOTSCOSTS_004075 - 004075
522	NewFields (RI/FS)	2/11/2010	29000	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	43,113.80	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004071 - 004074	Data Reporting	\$ 4,625.00	\$ 4,625.00	\$ 4,625.00	CONWR_AUS_GDOTSCOSTS_004075 - 004075
522	NewFields (RI/FS)	2/11/2010	29000	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	43,113.80	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004071 - 004074	GIS Maintenance	\$ 10,188.80	\$ 10,188.80	\$ 10,188.80	CONWR_AUS_GDOTSCOSTS_004075 - 004075
522	NewFields (RI/FS)	2/11/2010	29000	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	43,113.80	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004071 - 004074	Remedial Investigation Rep	\$ 13,050.00	\$ 13,050.00	\$ 13,050.00	CONWR_AUS_GDOTSCOSTS_004075 - 004075
523	NewFields (RI/FS)	3/9/2010	29371	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	47,927.43	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004076 - 004079	Project Management	\$ 11,800.00	\$ 11,800.00	\$ 11,800.00	CONWR_AUS_GDOTSCOSTS_004080 - 004080
523	NewFields (RI/FS)	3/9/2010	29371	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	47,927.43	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004076 - 004079	Meetings	\$ 7,892.82	\$ 7,892.82	\$ 7,892.82	CONWR_AUS_GDOTSCOSTS_004080 - 004080
523	NewFields (RI/FS)	3/9/2010	29371	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	47,927.43	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004076 - 004079	Remedial Investigation Rep	\$ 19,375.00	\$ 19,375.00	\$ 19,375.00	CONWR_AUS_GDOTSCOSTS_004080 - 004080
523	NewFields (RI/FS)	3/9/2010	29371	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	47,927.43	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004076 - 004079	Data Reporting	\$ 700.00	\$ 700.00	\$ 700.00	CONWR_AUS_GDOTSCOSTS_004080 - 004080
523	NewFields (RI/FS)	3/9/2010	29371	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	47,927.43	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004076 - 004079	Risk Assessment Support	\$ 1,225.00	\$ 1,225.00	\$ 1,225.00	CONWR_AUS_GDOTSCOSTS_004080 - 004080
523	NewFields (RI/FS)	3/9/2010	29371	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	47,927.43	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004076 - 004079	GIS Maintenance	\$ 6,934.61	\$ 6,934.61	\$ 6,934.61	CONWR_AUS_GDOTSCOSTS_004080 - 004080
524	NewFields (RI/FS)	4/13/2010	29918	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	95,708.10	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004081 - 004086	Project Management	\$ 11,450.00	\$ 11,450.00	\$ 11,450.00	CONWR_AUS_GDOTSCOSTS_004087 - 004087
524	NewFields (RI/FS)	4/13/2010	29918	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	95,708.10	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004081 - 004086	Data Reporting	\$ 7,537.50	\$ 7,537.50	\$ 7,537.50	CONWR_AUS_GDOTSCOSTS_004087 - 004087
524	NewFields (RI/FS)	4/13/2010	29918	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	95,708.10	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004081 - 004086	GIS Maintenance	\$ 12,289.85	\$ 12,289.85	\$ 12,289.85	CONWR_AUS_GDOTSCOSTS_004087 - 004087
524	NewFields (RI/FS)	4/13/2010	29918	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	95,708.10	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004081 - 004086	Remedial Investigation Rep	\$ 47,375.00	\$ 47,375.00	\$ 47,375.00	CONWR_AUS_GDOTSCOSTS_004087 - 004087
524	NewFields (RI/FS)	4/13/2010	29918	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	95,708.10	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004081 - 004086	Meetings	\$ 17,055.75	\$ 17,055.75	\$ 17,055.75	CONWR_AUS_GDOTSCOSTS_004087 - 004087
525	NewFields (RI/FS)	5/11/2010	30159	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	81,618.51	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004088 - 004092	Data Reporting	\$ 10,150.00	\$ 10,150.00	\$ 10,150.00	CONWR_AUS_GDOTSCOSTS_004093 - 004093
525	NewFields (RI/FS)	5/11/2010	30159	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	81,618.51	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004088 - 004092	Meetings	\$ 2,717.18	\$ 2,717.18	\$ 2,717.18	CONWR_AUS_GDOTSCOSTS_004093 - 004093
525	NewFields (RI/FS)	5/11/2010	30159	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	81,618.51	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004088 - 004092	GIS Maintenance	\$ 51.33	\$ 51.33	\$ 51.33	CONWR_AUS_GDOTSCOSTS_004093 - 004093

Invoice Database														
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount		Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
													Amount	
525	NewFields (RI/FS)	5/11/2010	30159	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	81,618.51	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004088 - 004092	Project Management	\$ 10,550.00	\$ 10,550.00	\$ 10,550.00	CONWR_AUS_GDOTSCOSTS_004093 - 004093
525	NewFields (RI/FS)	5/11/2010	30159	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	81,618.51	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004088 - 004092	Remedial Investigation Rep	\$ 58,150.00	\$ 58,150.00	\$ 58,150.00	CONWR_AUS_GDOTSCOSTS_004093 - 004093
526	NewFields (RI/FS)	6/9/2010	30461	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	66,609.02	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004094 - 004098	Project Management	\$ 8,450.00	\$ 8,450.00	\$ 8,450.00	CONWR_AUS_GDOTSCOSTS_004099 - 004099
526	NewFields (RI/FS)	6/9/2010	30461	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	66,609.02	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004094 - 004098	Data Reporting	\$ 3,675.00	\$ 3,675.00	\$ 3,675.00	CONWR_AUS_GDOTSCOSTS_004099 - 004099
526	NewFields (RI/FS)	6/9/2010	30461	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	66,609.02	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004094 - 004098	GIS Maintenance	\$ 32.43	\$ 32.43	\$ 32.43	CONWR_AUS_GDOTSCOSTS_004099 - 004099
526	NewFields (RI/FS)	6/9/2010	30461	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	66,609.02	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004094 - 004098	Remedial Investigation Rep	\$ 50,600.00	\$ 50,600.00	\$ 50,600.00	CONWR_AUS_GDOTSCOSTS_004099 - 004099
526	NewFields (RI/FS)	6/9/2010	30461	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	66,609.02	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004094 - 004098	Meetings	\$ 3,851.59	\$ 3,851.59	\$ 3,851.59	CONWR_AUS_GDOTSCOSTS_004099 - 004099
527	NewFields (RI/FS)	7/14/2010	30706	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	99,626.55	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004100 - 004105	Remedial Investigation Rep	\$ 65,150.00	\$ 65,150.00	\$ 65,150.00	CONWR_AUS_GDOTSCOSTS_004106 - 004106
527	NewFields (RI/FS)	7/14/2010	30706	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	99,626.55	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004100 - 004105	Data Reporting	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	CONWR_AUS_GDOTSCOSTS_004106 - 004106
527	NewFields (RI/FS)	7/14/2010	30706	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	99,626.55	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004100 - 004105	Project Management	\$ 17,175.00	\$ 17,175.00	\$ 17,175.00	CONWR_AUS_GDOTSCOSTS_004106 - 004106
527	NewFields (RI/FS)	7/14/2010	30706	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	99,626.55	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004100 - 004105	Meetings	\$ 3,301.55	\$ 3,301.55	\$ 3,301.55	CONWR_AUS_GDOTSCOSTS_004106 - 004106
528	NewFields (RI/FS)	8/10/2010	30994	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	105,019.66	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004107 - 004112	Project Management	\$ 6,625.00	\$ 6,625.00	\$ 6,625.00	CONWR_AUS_GDOTSCOSTS_004113 - 004113
528	NewFields (RI/FS)	8/10/2010	30994	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	105,019.66	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004107 - 004112	Data Reporting	\$ 8,925.00	\$ 8,925.00	\$ 8,925.00	CONWR_AUS_GDOTSCOSTS_004113 - 004113
528	NewFields (RI/FS)	8/10/2010	30994	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	105,019.66	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004107 - 004112	GIS Maintenance	\$ 800.00	\$ 800.00	\$ 800.00	CONWR_AUS_GDOTSCOSTS_004113 - 004113
528	NewFields (RI/FS)	8/10/2010	30994	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	105,019.66	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004107 - 004112	Remedial Investigation Rep	\$ 88,669.66	\$ 88,669.66	\$ 88,669.66	CONWR_AUS_GDOTSCOSTS_004113 - 004113
529	NewFields (RI/FS)	9/8/2010	31206	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	68,335.49	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004114 - 004118	Data Reporting	\$ 525.00	\$ 525.00	\$ 525.00	CONWR_AUS_GDOTSCOSTS_004119 - 004119
529	NewFields (RI/FS)	9/8/2010	31206	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	68,335.49	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004114 - 004118	Risk Assessment Support	\$ 3,325.00	\$ 3,325.00	\$ 3,325.00	CONWR_AUS_GDOTSCOSTS_004119 - 004119
529	NewFields (RI/FS)	9/8/2010	31206	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	68,335.49	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004114 - 004118	Project Management	\$ 5,475.00	\$ 5,475.00	\$ 5,475.00	CONWR_AUS_GDOTSCOSTS_004119 - 004119
529	NewFields (RI/FS)	9/8/2010	31206	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	68,335.49	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004114 - 004118	Remedial Investigation Rep	\$ 59,010.49	\$ 59,010.49	\$ 59,010.49	CONWR_AUS_GDOTSCOSTS_004119 - 004119
530	NewFields (RI/FS)	10/14/2010	31627	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	85,877.55	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004120 - 004125	Project Management	\$ 6,175.00	\$ 6,175.00	\$ 6,175.00	CONWR_AUS_GDOTSCOSTS_004126 - 004126
530	NewFields (RI/FS)	10/14/2010	31627	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	85,877.55	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004120 - 004125	Data Reporting	\$ 7,700.00	\$ 7,700.00	\$ 7,700.00	CONWR_AUS_GDOTSCOSTS_004126 - 004126
530	NewFields (RI/FS)	10/14/2010	31627	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	85,877.55	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004120 - 004125	Risk Assessment Support	\$ 6,125.00	\$ 6,125.00	\$ 6,125.00	CONWR_AUS_GDOTSCOSTS_004126 - 004126
530	NewFields (RI/FS)	10/14/2010	31627	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	85,877.55	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004120 - 004125	Remedial Investigation Rep	\$ 62,829.06	\$ 62,829.06	\$ 62,829.06	CONWR_AUS_GDOTSCOSTS_004126 - 004126
530	NewFields (RI/FS)	10/14/2010	31627	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	85,877.55	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004120 - 004125	Meetings	\$ 3,048.49	\$ 3,048.49	\$ 3,048.49	CONWR_AUS_GDOTSCOSTS_004126 - 004126
531	NewFields (RI/FS)	11/10/2010	31901	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	68,638.83	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004127 - 004131	Risk Assessment Support	\$ 8,050.00	\$ 8,050.00	\$ 8,050.00	CONWR_AUS_GDOTSCOSTS_004132 - 004132
531	NewFields (RI/FS)	11/10/2010	31901	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	68,638.83	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004127 - 004131	Remedial Investigation Rep	\$ 48,254.63	\$ 48,254.63	\$ 48,254.63	CONWR_AUS_GDOTSCOSTS_004132 - 004132
531	NewFields (RI/FS)	11/10/2010	31901	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	68,638.83	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004127 - 004131	Data Reporting	\$ 5,075.00	\$ 5,075.00	\$ 5,075.00	CONWR_AUS_GDOTSCOSTS_004132 - 004132
531	NewFields (RI/FS)	11/10/2010	31901	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	68,638.83	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004127 - 004131	Project Management	\$ 7,259.20	\$ 7,259.20	\$ 7,259.20	CONWR_AUS_GDOTSCOSTS_004132 - 004132
532	NewFields (RI/FS)	12/7/2010	32183	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	26,789.85	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004133 - 004135	Remedial Investigation Rep	\$ 1,839.85	\$ 1,839.85	\$ 1,839.85	CONWR_AUS_GDOTSCOSTS_004136 - 004136
532	NewFields (RI/FS)	12/7/2010	32183	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	26,789.85	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004133 - 004135	Risk Assessment Support	\$ 18,300.00	\$ 18,300.00	\$ 18,300.00	CONWR_AUS_GDOTSCOSTS_004136 - 004136
532	NewFields (RI/FS)	12/7/2010	32183	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	26,789.85	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004133 - 004135	Data Reporting	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	CONWR_AUS_GDOTSCOSTS_004136 - 004136
532	NewFields (RI/FS)	12/7/2010	32183	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	26,789.85	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004133 - 004135	Project Management	\$ 3,150.00	\$ 3,150.00	\$ 3,150.00	CONWR_AUS_GDOTSCOSTS_004136 - 004136

Invoice Database														
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount		Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation Bates Number
533	NewFields (RI/FS)	1/18/2011	32622	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	43,299.40	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004137 - 004141	Meetings	\$ 17,137.73	\$ 17,137.73	\$ 17,137.73	CONWR_AUS_GDOTSCOSTS_004142 - 004142
533	NewFields (RI/FS)	1/18/2011	32622	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	43,299.40	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004137 - 004141	Data Reporting	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	CONWR_AUS_GDOTSCOSTS_004142 - 004142
533	NewFields (RI/FS)	1/18/2011	32622	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	43,299.40	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004137 - 004141	Project Management	\$ 8,625.00	\$ 8,625.00	\$ 8,625.00	CONWR_AUS_GDOTSCOSTS_004142 - 004142
533	NewFields (RI/FS)	1/18/2011	32622	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	43,299.40	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004137 - 004141	GIS Maintenance	\$ 50.00	\$ 50.00	\$ 50.00	CONWR_AUS_GDOTSCOSTS_004142 - 004142
533	NewFields (RI/FS)	1/18/2011	32622	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	43,299.40	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004137 - 004141	Remedial Investigation Rep	\$ 8,175.00	\$ 8,175.00	\$ 8,175.00	CONWR_AUS_GDOTSCOSTS_004142 - 004142
533	NewFields (RI/FS)	1/18/2011	32622	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	43,299.40	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004137 - 004141	Risk Assessment Support	\$ 5,111.67	\$ 5,111.67	\$ 5,111.67	CONWR_AUS_GDOTSCOSTS_004142 - 004142
534	NewFields (RI/FS)	2/9/2011	32904	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	25,305.00	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004143 - 004145	Remedial Investigation Rep	\$ 19,850.00	\$ 19,850.00	\$ 19,850.00	CONWR_AUS_GDOTSCOSTS_004146 - 004146
534	NewFields (RI/FS)	2/9/2011	32904	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	25,305.00	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004143 - 004145	Data Reporting	\$ 2,975.00	\$ 2,975.00	\$ 2,975.00	CONWR_AUS_GDOTSCOSTS_004146 - 004146
534	NewFields (RI/FS)	2/9/2011	32904	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	25,305.00	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004143 - 004145	Project Management	\$ 2,480.00	\$ 2,480.00	\$ 2,480.00	CONWR_AUS_GDOTSCOSTS_004146 - 004146
535	NewFields (RI/FS)	3/4/2011	33267	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	42,751.78	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004147 - 004150	Meetings	\$ 11,776.78	\$ 11,776.78	\$ 11,776.78	CONWR_AUS_GDOTSCOSTS_004151 - 004151
535	NewFields (RI/FS)	3/4/2011	33267	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	42,751.78	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004147 - 004150	Project Management	\$ 1,800.00	\$ 1,800.00	\$ 1,800.00	CONWR_AUS_GDOTSCOSTS_004151 - 004151
535	NewFields (RI/FS)	3/4/2011	33267	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	42,751.78	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004147 - 004150	Risk Assessment Support	\$ 700.00	\$ 700.00	\$ 700.00	CONWR_AUS_GDOTSCOSTS_004151 - 004151
535	NewFields (RI/FS)	3/4/2011	33267	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	42,751.78	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004147 - 004150	Remedial Investigation Rep	\$ 26,550.00	\$ 26,550.00	\$ 26,550.00	CONWR_AUS_GDOTSCOSTS_004151 - 004151
535	NewFields (RI/FS)	3/4/2011	33267	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	42,751.78	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004147 - 004150	Data Reporting	\$ 1,925.00	\$ 1,925.00	\$ 1,925.00	CONWR_AUS_GDOTSCOSTS_004151 - 004151
536	NewFields (RI/FS)	4/1/2011	33643	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	32,972.20	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004152 - 004155	Meetings	\$ 4,077.20	\$ 4,077.20	\$ 4,077.20	CONWR_AUS_GDOTSCOSTS_004156 - 004156
536	NewFields (RI/FS)	4/1/2011	33643	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	32,972.20	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004152 - 004155	Project Management	\$ 2,625.00	\$ 2,625.00	\$ 2,625.00	CONWR_AUS_GDOTSCOSTS_004156 - 004156
536	NewFields (RI/FS)	4/1/2011	33643	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	32,972.20	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004152 - 004155	Data Reporting	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	CONWR_AUS_GDOTSCOSTS_004156 - 004156
536	NewFields (RI/FS)	4/1/2011	33643	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	32,972.20	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004152 - 004155	Risk Assessment Support	\$ 1,845.00	\$ 1,845.00	\$ 1,845.00	CONWR_AUS_GDOTSCOSTS_004156 - 004156
536	NewFields (RI/FS)	4/1/2011	33643	0233-003-150	GDOTS: Crab Orchard Phase II RI	\$	32,972.20	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004152 - 004155	Remedial Investigation Rep	\$ 23,025.00	\$ 23,025.00	\$ 23,025.00	CONWR_AUS_GDOTSCOSTS_004156 - 004156
537	NewFields (RI/FS)	5/17/2011	1500006	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	31,710.41	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004157 - 004160	Meetings	\$ 2,160.41	\$ 2,160.41	\$ 2,160.41	CONWR_AUS_GDOTSCOSTS_004161 - 004161
537	NewFields (RI/FS)	5/17/2011	1500006	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	31,710.41	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004157 - 004160	Remedial Investigation Rep	\$ 22,025.00	\$ 22,025.00	\$ 22,025.00	CONWR_AUS_GDOTSCOSTS_004161 - 004161
537	NewFields (RI/FS)	5/17/2011	1500006	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	31,710.41	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004157 - 004160	Risk Assessment Support	\$ 525.00	\$ 525.00	\$ 525.00	CONWR_AUS_GDOTSCOSTS_004161 - 004161
537	NewFields (RI/FS)	5/17/2011	1500006	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	31,710.41	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004157 - 004160	Data Reporting	\$ 3,675.00	\$ 3,675.00	\$ 3,675.00	CONWR_AUS_GDOTSCOSTS_004161 - 004161
537	NewFields (RI/FS)	5/17/2011	1500006	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	31,710.41	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004157 - 004160	Project Management	\$ 3,325.00	\$ 3,325.00	\$ 3,325.00	CONWR_AUS_GDOTSCOSTS_004161 - 004161
538	NewFields (RI/FS)	6/23/2011	1500056	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	32,578.35	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004162 - 004165	Risk Assessment Support	\$ 122.68	\$ 122.68	\$ 122.68	CONWR_AUS_GDOTSCOSTS_004166 - 004166
538	NewFields (RI/FS)	6/23/2011	1500056	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	32,578.35	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004162 - 004165	GIS Maintenance	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	CONWR_AUS_GDOTSCOSTS_004166 - 004166
538	NewFields (RI/FS)	6/23/2011	1500056	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	32,578.35	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004162 - 004165	Data Reporting	\$ 6,650.00	\$ 6,650.00	\$ 6,650.00	CONWR_AUS_GDOTSCOSTS_004166 - 004166
538	NewFields (RI/FS)	6/23/2011	1500056	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	32,578.35	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004162 - 004165	Project Management	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	CONWR_AUS_GDOTSCOSTS_004166 - 004166
538	NewFields (RI/FS)	6/23/2011	1500056	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	32,578.35	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004162 - 004165	Remedial Investigation Rep	\$ 21,055.67	\$ 21,055.67	\$ 21,055.67	CONWR_AUS_GDOTSCOSTS_004166 - 004166
539	NewFields (RI/FS)	7/13/2011	1500069	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	32,216.15	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004167 - 004171	Remedial Investigation Rep	\$ 27,216.15	\$ 27,216.15	\$ 27,216.15	CONWR_AUS_GDOTSCOSTS_004172 - 004172
539	NewFields (RI/FS)	7/13/2011	1500069	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	32,216.15	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004167 - 004171	GIS Maintenance	\$ 100.00	\$ 100.00	\$ 100.00	CONWR_AUS_GDOTSCOSTS_004172 - 004172
539	NewFields (RI/FS)	7/13/2011	1500069	150.0222.000	GDOTS: Crab Orchard Phase II RI	\$	32,216.15	Phase II for Crab Orchard - AUS OU	CONWR_AUS_GDOTSCOSTS_004167 - 004171	Project Management	\$ 4,900.00	\$ 4,900.00	\$ 4,900.00	CONWR_AUS_GDOTSCOSTS_004172 - 004172

Invoice Database

Invoice														Related	
ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Amount	Payment Documentation Bates Number		
540	NewFields (RI/FS)	8/10/2011	1500125	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 25,725.00	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004173 - 004174	GIS Maintenance	\$ 450.00	\$ 450.00	\$ 450.00	CONWR_AUS_GDOTSCOSTS_004175 - 004177		
540	NewFields (RI/FS)	8/10/2011	1500125	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 25,725.00	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004173 - 004174	Site 0069 MEC & Asbestos Report	\$ 700.00	\$ 700.00	\$ 700.00	CONWR_AUS_GDOTSCOSTS_004175 - 004177		
540	NewFields (RI/FS)	8/10/2011	1500125	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 25,725.00	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004173 - 004174	RI Report (REV)	\$ 23,000.00	\$ 23,000.00	\$ 23,000.00	CONWR_AUS_GDOTSCOSTS_004175 - 004177		
540	NewFields (RI/FS)	8/10/2011	1500125	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 25,725.00	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004173 - 004174	Project Management	\$ 1,575.00	\$ 1,575.00	\$ 1,575.00	CONWR_AUS_GDOTSCOSTS_004175 - 004177		
541	NewFields (RI/FS)	9/13/2011	1500162	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 33,869.39	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004178 - 004183	Meetings	\$ 3,269.39	\$ 3,269.39	\$ 3,269.39	CONWR_AUS_GDOTSCOSTS_004184 - 004184		
541	NewFields (RI/FS)	9/13/2011	1500162	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 33,869.39	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004178 - 004183	Project Management	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	CONWR_AUS_GDOTSCOSTS_004184 - 004184		
541	NewFields (RI/FS)	9/13/2011	1500162	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 33,869.39	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004178 - 004183	GIS Maintenance	\$ 750.00	\$ 750.00	\$ 750.00	CONWR_AUS_GDOTSCOSTS_004184 - 004184		
541	NewFields (RI/FS)	9/13/2011	1500162	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 33,869.39	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004178 - 004183	RI Report (REV)	\$ 24,425.00	\$ 24,425.00	\$ 24,425.00	CONWR_AUS_GDOTSCOSTS_004184 - 004184		
541	NewFields (RI/FS)	9/13/2011	1500162	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 33,869.39	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004178 - 004183	Site 0069 MEC & Asbestos Report	\$ 1,925.00	\$ 1,925.00	\$ 1,925.00	CONWR_AUS_GDOTSCOSTS_004184 - 004184		
542	NewFields (RI/FS)	10/6/2011	1500198	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 41,175.00	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004185 - 004187	Project Management	\$ 5,075.00	\$ 5,075.00	\$ 5,075.00	CONWR_AUS_GDOTSCOSTS_004188 - 004188		
542	NewFields (RI/FS)	10/6/2011	1500198	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 41,175.00	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004185 - 004187	Site 0069 MEC & Asbestos Report	\$ 15,575.00	\$ 15,575.00	\$ 15,575.00	CONWR_AUS_GDOTSCOSTS_004188 - 004188		
542	NewFields (RI/FS)	10/6/2011	1500198	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 41,175.00	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004185 - 004187	RI Report (REV)	\$ 20,525.00	\$ 20,525.00	\$ 20,525.00	CONWR_AUS_GDOTSCOSTS_004188 - 004188		
543	NewFields (RI/FS)	11/3/2011	1500193	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 26,790.12	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004189 - 004196	Project Management	\$ 3,675.00	\$ 3,675.00	\$ 3,675.00	CONWR_AUS_GDOTSCOSTS_004197 - 004197		
543	NewFields (RI/FS)	11/3/2011	1500193	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 26,790.12	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004189 - 004196	Site 0069 MEC & Asbestos Report	\$ 262.00	\$ 262.00	\$ 262.00	CONWR_AUS_GDOTSCOSTS_004197 - 004197		
543	NewFields (RI/FS)	11/3/2011	1500193	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 26,790.12	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004189 - 004196	RI Report (REV)	\$ 22,853.12	\$ 22,853.12	\$ 22,853.12	CONWR_AUS_GDOTSCOSTS_004197 - 004197		
544	NewFields (RI/FS)	12/9/2011	1500216	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 92,915.48	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004198 - 004207	GIS Maintenance	\$ 2,800.00	\$ 2,800.00	\$ 2,800.00	CONWR_AUS_GDOTSCOSTS_004208 - 004208		
544	NewFields (RI/FS)	12/9/2011	1500216	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 92,915.48	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004198 - 004207	Meetings	\$ 3,083.45	\$ 3,083.45	\$ 3,083.45	CONWR_AUS_GDOTSCOSTS_004208 - 004208		
544	NewFields (RI/FS)	12/9/2011	1500216	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 92,915.48	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004198 - 004207	RI Report (REV)	\$ 82,725.00	\$ 82,725.00	\$ 82,725.00	CONWR_AUS_GDOTSCOSTS_004208 - 004208		
544	NewFields (RI/FS)	12/9/2011	1500216	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 92,915.48	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004198 - 004207	Project Management	\$ 4,307.03	\$ 4,307.03	\$ 4,307.03	CONWR_AUS_GDOTSCOSTS_004208 - 004208		
545	NewFields (RI/FS)	1/9/2012	1500248	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 69,242.08	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004209 - 004216	RI Report (REV)	\$ 65,742.08	\$ 65,742.08	\$ 65,742.08	CONWR_AUS_GDOTSCOSTS_004217 - 004217		
545	NewFields (RI/FS)	1/9/2012	1500248	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 69,242.08	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004209 - 004216	Project Management	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	CONWR_AUS_GDOTSCOSTS_004217 - 004217		
546	NewFields (RI/FS)	2/9/2012	1500303	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 13,153.53	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004218 - 004228	RI Report (REV)	\$ 4,278.53	\$ 4,278.53	\$ 4,278.53	CONWR_AUS_GDOTSCOSTS_004229 - 04229		
546	NewFields (RI/FS)	2/9/2012	1500303	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 13,153.53	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004218 - 004228	RAO Memo	\$ 1,550.00	\$ 1,550.00	\$ 1,550.00	CONWR_AUS_GDOTSCOSTS_004229 - 04229		
546	NewFields (RI/FS)	2/9/2012	1500303	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 13,153.53	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004218 - 004228	Site 0069 MEC & Asbestos Report	\$ 875.00	\$ 875.00	\$ 875.00	CONWR_AUS_GDOTSCOSTS_004229 - 04229		
546	NewFields (RI/FS)	2/9/2012	1500303	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 13,153.53	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004218 - 004228	Project Management	\$ 5,650.00	\$ 5,650.00	\$ 5,650.00	CONWR_AUS_GDOTSCOSTS_004229 - 04229		
546	NewFields (RI/FS)	2/9/2012	1500303	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 13,153.53	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004218 - 004228	GIS Maintenance	\$ 800.00	\$ 800.00	\$ 800.00	CONWR_AUS_GDOTSCOSTS_004229 - 04229		
547	NewFields (RI/FS)	3/14/2012	1500336	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 68,238.79	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004230 - 004279	RAO Memo	\$ 7,330.00	\$ 7,330.00	\$ 7,330.00	CONWR_AUS_GDOTSCOSTS_004280 - 004280		
547	NewFields (RI/FS)	3/14/2012	1500336	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 68,238.79	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004230 - 004279	Site 0069 MEC & Asbestos Report	\$ 6,363.33	\$ 6,363.33	\$ 6,363.33	CONWR_AUS_GDOTSCOSTS_004280 - 004280		
547	NewFields (RI/FS)	3/14/2012	1500336	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 68,238.79	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004230 - 004279	Meetings	\$ 23,720.46	\$ 23,720.46	\$ 23,720.46	CONWR_AUS_GDOTSCOSTS_004280 - 004280		
547	NewFields (RI/FS)	3/14/2012	1500336	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 68,238.79	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004230 - 004279	Project Management	\$ 9,425.00	\$ 9,425.00	\$ 9,425.00	CONWR_AUS_GDOTSCOSTS_004280 - 004280		
547	NewFields (RI/FS)	3/14/2012	1500336	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 68,238.79	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004230 - 004279	FS Report	\$ 21,400.00	\$ 21,400.00	\$ 21,400.00	CONWR_AUS_GDOTSCOSTS_004280 - 004280		
548	NewFields (RI/FS)	4/6/2012	1500352	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 22,009.09	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004282 - 004299	RAO Memo	\$ 8,450.00	\$ 8,450.00	\$ 8,450.00	CONWR_AUS_GDOTSCOSTS_004300 - 004300		
548	NewFields (RI/FS)	4/6/2012	1500352	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 22,009.09	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004282 - 004299	Site 0069 MEC & Asbestos Report	\$ 3,962.71	\$ 3,962.71	\$ 3,962.71	CONWR_AUS_GDOTSCOSTS_004300 - 004300		
548	NewFields (RI/FS)	4/6/2012	1500352	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 22,009.09	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004282 - 004299	GIS Maintenance	\$ 400.00	\$ 400.00	\$ 400.00	CONWR_AUS_GDOTSCOSTS_004300 - 004300		
548	NewFields (RI/FS)	4/6/2012	1500352	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 22,009.09	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004282 - 004299	RI Report (REV)	\$ 1,675.00	\$ 1,675.00	\$ 1,675.00	CONWR_AUS_GDOTSCOSTS_004300 - 004300		
548	NewFields (RI/FS)	4/6/2012	1500352	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 22,009.09	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004282 - 004299	Project Management	\$ 7,521.38	\$ 7,521.38	\$ 7,521.38	CONWR_AUS_GDOTSCOSTS_004300 - 004300		
549	NewFields (RI/FS)	5/7/2012	1500376	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 24,996.39	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004301 - 004317	Project Management	\$ 6,300.00	\$ 6,300.00	\$ 6,300.00	CONWR_AUS_GDOTSCOSTS_004318 - 004318		
549	NewFields (RI/FS)	5/7/2012	1500376	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 24,996.39	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004301 - 004317	RAO Memo	\$ 10,100.00	\$ 10,100.00	\$ 10,100.00	CONWR_AUS_GDOTSCOSTS_004318 - 004318		
549	NewFields (RI/FS)	5/7/2012	1500376	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 24,996.39	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004301 - 004317	Site 0069 MEC & Asbestos Report	\$ 7,395.75	\$ 7,395.75	\$ 7,395.75	CONWR_AUS_GDOTSCOSTS_004318 - 004318		
549	NewFields (RI/FS)	5/7/2012	1500376	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 24,996.39	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004301 - 004317	GIS Maintenance	\$ 200.00	\$ 200.00	\$ 200.00	CONWR_AUS_GDOTSCOSTS_004318 - 004318		
549	NewFields (RI/FS)	5/7/2012	1500376	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 24,996.39	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004301 - 004317	RI Report (REV)	\$ 150.00	\$ 150.00	\$ 150.00	CONWR_AUS_GDOTSCOSTS_004318 - 004318		
549	NewFields (RI/FS)	5/7/2012	1500376	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 24,996.39	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004301 - 004317	Meetings	\$ 850.64	\$ 850.64	\$ 850.64	CONWR_AUS_GDOTSCOSTS_004318 - 004318		
550	NewFields (RI/FS)	6/12/2012	1500434	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 23,833.01	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004319 - 004327	Project Management	\$ 12,250.00	\$ 12,250.00	\$ 12,250.00	CONWR_AUS_GDOTSCOSTS_004328 - 004328		
550	NewFields (RI/FS)	6/12/2012	1500434	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 23,833.01	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004319 - 004327	RAO Memo	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	CONWR_AUS_GDOTSCOSTS_004328 - 004328		
550	NewFields (RI/FS)	6/12/2012	1500434	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 23,833.01	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004319 - 004327	RI Report (REV)	\$ 5,100.00	\$ 5,100.00	\$ 5,100.00	CONWR_AUS_GDOTSCOSTS_004328 - 004328		
550	NewFields (RI/FS)	6/12/2012	1500434	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 23,833.01	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004319 - 004327	Site 0069 MEC & Asbestos Report	\$ 1,683.01	\$ 1,683.01	\$ 1,683.01	CONWR_AUS_GDOTSCOSTS_004328 - 004328		
551	NewFields (RI/FS)	7/12/2012	1500483	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 19,993.02	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004329 - 004342	Project Management	\$ 5,263.22	\$ 5,263.22	\$ 5,263.22	CONWR_AUS_GDOTSCOSTS_004343 - 004343		
551	NewFields (RI/FS)	7/12/2012	1500483	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 19,993.02	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004329 - 004342	RAO Memo	\$ 700.00	\$ 700.00	\$ 700.00	CONWR_AUS_GDOTSCOSTS_004343 - 004343		
551	NewFields (RI/FS)	7/12/2012	1500483	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 19,993.02	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004329 - 004342	Site 0069 MEC & Asbestos Report	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	CONWR_AUS_GDOTSCOSTS_004343 - 004343		
551	NewFields (RI/FS)	7/12/2012	1500483	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 19,993.02	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004329 - 004342	GIS Maintenance	\$ 2,400.00	\$ 2,400.00	\$ 2,400.00	CONWR_AUS_GDOTSCOSTS_004343 - 004343		
551	NewFields (RI/FS)	7/12/2012	1500483	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 19,993.02	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004329 - 004342	Meetings	\$ 2,929.80	\$ 2,929.80	\$ 2,929.80	CONWR_AUS_GDOTSCOSTS_004343 - 004343		
551	NewFields (RI/FS)	7/12/2012	1500483	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 19,993.02	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004329 - 004342	RI Report (REV)	\$ 7,650.00	\$ 7,650.00	\$ 7,650.00	CONWR_AUS_GDOTSCOSTS_004343 - 004343		
552	NewFields (RI/FS)	8/7/2012	1500511	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 14,400.00	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004344 - 004347	RI Report (REV)	\$ 850.00	\$ 850.00	\$ 850.00	CONWR_AUS_GDOTSCOSTS_004348 - 004348		
552	NewFields (RI/FS)	8/7/2012	1500511	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 14,400.00	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004344 - 004347	Project Management	\$ 7,350.00	\$ 7,350.00	\$ 7,350.00	CONWR_AUS_GDOTSCOSTS_004348 - 004348		
552	NewFields (RI/FS)	8/7/2012	1500511	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 14,400.00	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004344 - 004347	GIS Maintenance	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	CONWR_AUS_GDOTSCOSTS_004348 - 004348		
552	NewFields (RI/FS)	8/7/2012	1500511	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 14,400.00	Phase II for Crab Orchard (CrabIll)	CONWR_AUS_GDOTSCOSTS_004344 - 004347	Site 0069 MEC & Asbestos Report	\$ 4,200.00	\$ 4,200.00	\$ 4,200.0			

Invoice Database														
Nathan Invoice														
ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation	Bates Number
555	NewFields (RI/FS)	10/9/2012	1500592	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 15,222.73	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004354 - 004368	Site 0069 MEC & Asbestos Report	\$ 2,975.00	\$ 2,975.00	\$ 2,975.00	CONWR_AUS_GDOTSCOSTS_004369 - 004369	
555	NewFields (RI/FS)	10/9/2012	1500592	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 15,222.73	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004354 - 004368	Meetings	\$ 3,385.23	\$ 3,385.23	\$ 3,385.23	CONWR_AUS_GDOTSCOSTS_004369 - 004369	
555	NewFields (RI/FS)	10/9/2012	1500592	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 15,222.73	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004354 - 004368	RI Report (REV)	\$ 2,300.00	\$ 2,300.00	\$ 2,300.00	CONWR_AUS_GDOTSCOSTS_004369 - 004369	
555	NewFields (RI/FS)	10/9/2012	1500592	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 15,222.73	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004354 - 004368	Project Management	\$ 3,850.00	\$ 3,850.00	\$ 3,850.00	CONWR_AUS_GDOTSCOSTS_004369 - 004369	
555	NewFields (RI/FS)	10/9/2012	1500592	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 15,222.73	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004354 - 004368	GIS Maintenance	\$ 2,712.50	\$ 2,712.50	\$ 2,712.50	CONWR_AUS_GDOTSCOSTS_004369 - 004369	
554	NewFields (RI/FS)	11/14/2012	1500653	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 49,950.27	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004370 - 004394	Site 0069 MEC & Asbestos Report	\$ 5,386.28	\$ 5,386.28	\$ 5,386.28	CONWR_AUS_GDOTSCOSTS_004395 - 004395	
554	NewFields (RI/FS)	11/14/2012	1500653	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 49,950.27	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004370 - 004394	GIS Maintenance	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	CONWR_AUS_GDOTSCOSTS_004395 - 004395	
554	NewFields (RI/FS)	11/14/2012	1500653	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 49,950.27	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004370 - 004394	Project Management	\$ 4,900.00	\$ 4,900.00	\$ 4,900.00	CONWR_AUS_GDOTSCOSTS_004395 - 004395	
554	NewFields (RI/FS)	11/14/2012	1500653	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 49,950.27	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004370 - 004394	RI Report (REV)	\$ 27,768.73	\$ 27,768.73	\$ 27,768.73	CONWR_AUS_GDOTSCOSTS_004395 - 004395	
554	NewFields (RI/FS)	11/14/2012	1500653	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 49,950.27	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004370 - 004394	Meetings	\$ 10,295.26	\$ 10,295.26	\$ 10,295.26	CONWR_AUS_GDOTSCOSTS_004395 - 004395	
556	NewFields (RI/FS)	12/13/2012	1500592R	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 34,200.00	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004396 - 004402	RI Report (REV)	\$ 27,125.00	\$ 27,125.00	\$ 27,125.00	CONWR_AUS_GDOTSCOSTS_004403 - 004404	
556	NewFields (RI/FS)	12/13/2012	1500592R	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 34,200.00	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004396 - 004402	Project Management	\$ 2,625.00	\$ 2,625.00	\$ 2,625.00	CONWR_AUS_GDOTSCOSTS_004403 - 004404	
556	NewFields (RI/FS)	12/13/2012	1500592R	150.0223.000	GDOTS: Crab RI (REV) & FS	\$ 34,200.00	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004396 - 004402	GIS Maintenance	\$ 4,450.00	\$ 4,450.00	\$ 4,450.00	CONWR_AUS_GDOTSCOSTS_004403 - 004404	
557	NewFields (RI/FS)	2/6/2013	1500773		GDOTS: Crab RI (REV) & FS	\$ 18,300.00	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004405 - 004408	GIS Maintenance	\$ 4,750.00	\$ 4,750.00	\$ 4,750.00	CONWR_AUS_GDOTSCOSTS_004409 - 004409	
557	NewFields (RI/FS)	2/6/2013	1500773		GDOTS: Crab RI (REV) & FS	\$ 18,300.00	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004405 - 004408	Project Management	\$ 1,925.00	\$ 1,925.00	\$ 1,925.00	CONWR_AUS_GDOTSCOSTS_004409 - 004409	
557	NewFields (RI/FS)	2/6/2013	1500773		GDOTS: Crab RI (REV) & FS	\$ 18,300.00	Phase II for Crab Orchard (CrabIII)	CONWR_AUS_GDOTSCOSTS_004405 - 004408	RI Report (REV)	\$ 11,625.00	\$ 11,625.00	\$ 11,625.00	CONWR_AUS_GDOTSCOSTS_004409 - 004409	
415	Polsinelli PC	1/18/2018	1487141	201000021	Crab Orchard	\$ 5,100.48	Crab Orchard Superfund Site	REV_2020OLINCOS_0000192 - 0000194	Fees and Expenses	\$ 5,100.48	\$ 5,100.48	\$ 5,089.28	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
416	Polsinelli PC	2/28/2018	1494903A	201000021	Crab Orchard	\$ 11,082.08	Crab Orchard Superfund Site	REV_2020OLINCOS_0000195 - 0000198	Fees and Expenses	\$ 11,082.08	\$ 11,082.08	\$ 11,082.08	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
417	Polsinelli PC	3/15/2018	1506944	201000021	Crab Orchard	\$ 19,046.88	Crab Orchard Superfund Site	REV_2020OLINCOS_0000199 - 0000202	Fees and Expenses	\$ 19,046.88	\$ 19,046.88	\$ 19,046.88	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
418	Polsinelli PC	4/19/2018	1520511	201000021	Crab Orchard	\$ 31,983.93	Crab Orchard Superfund Site	REV_2020OLINCOS_0000203 - 0000207	Fees and Expenses	\$ 31,983.93	\$ 31,983.93	\$ 31,503.93	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
419	Polsinelli PC	5/10/2018	1525784	201000021	Crab Orchard	\$ 11,308.58	Crab Orchard Superfund Site	REV_2020OLINCOS_0000208 - 0000211	Fees and Expenses	\$ 11,308.58	\$ 11,308.58	\$ 11,232.58	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
800	Polsinelli PC	6/8/2018	1534720	201000021	Crab Orchard	\$ 12,386.66	Crab Orchard Superfund Site	REV_2020OLINCOS_0000215 - 0000218	Fees and Expenses	\$ 12,386.66	\$ 12,386.66	\$ 12,270.20	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
799	Polsinelli PC	7/9/2018	1545046	201000021	Crab Orchard	\$ 3,178.28	Crab Orchard Superfund Site	REV_2020OLINCOS_0000212 - 0000214	Fees and Expenses	\$ 3,178.28	\$ 3,178.28	\$ 3,178.28	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
421	Polsinelli PC	8/9/2018	1556284	201000021	Crab Orchard	\$ 6,297.78	Crab Orchard Superfund Site	REV_2020OLINCOS_0000219 - 0000221	Fees and Expenses	\$ 6,297.78	\$ 6,297.78	\$ 6,297.78	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
422	Polsinelli PC	9/10/2018	1567852	201000021	Crab Orchard	\$ 4,340.42	Crab Orchard Superfund Site	REV_2020OLINCOS_0000222 - 0000224	Fees and Expenses	\$ 4,340.42	\$ 4,340.42	\$ 1,260.42	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
423	Polsinelli PC	10/5/2018	1581665	201000021	Crab Orchard	\$ 2,761.33	Crab Orchard Superfund Site	REV_2020OLINCOS_0000225 - 0000227	Fees and Expenses	\$ 2,761.33	\$ 2,761.33	\$ 2,461.33	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
424	Polsinelli PC	11/9/2018	1589329	201000021	Crab Orchard	\$ 7,971.83	Crab Orchard Superfund Site	REV_2020OLINCOS_0000228 - 0000231	Fees and Expenses	\$ 7,971.83	\$ 7,971.83	\$ 5,856.83	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
425	Polsinelli PC	12/10/2018	1599516	201000021	Crab Orchard	\$ 3,719.88	Crab Orchard Superfund Site	REV_2020OLINCOS_0000232 - 0000234	Fees and Expenses	\$ 3,719.88	\$ 3,719.88	\$ 3,719.88	2020OLINCOS_0039229 - 0039229; 2020OLINCOS_0043940 - 0043940	
574	Polsinelli PC	1/10/2019	1610162	201000021	Crab Orchard	\$ 5,426.32	Crab Orchard Superfund Site	REV_2020OLINCOS_0000235 - 0000237	Fees and Expenses	\$ 5,426.32	\$ 5,426.32	\$ 4,274.32	2020OLINCOS_0043940 - 0043940	
575	Polsinelli PC	2/8/2019	1619353	201000021	Crab Orchard	\$ 5,554.23	Crab Orchard Superfund Site	REV_2020OLINCOS_0000238 - 0000240	Fees and Expenses	\$ 5,554.23	\$ 5,554.23	\$ 5,554.23	2020OLINCOS_0043940 - 0043940	
576	Polsinelli PC	3/18/2019	1630115	201000021	Crab Orchard	\$ 1,876.68	Crab Orchard Superfund Site	REV_2020OLINCOS_0000241 - 0000244	Fees and Expenses	\$ 1,876.68	\$ 1,876.68	\$ 1,556.68	2020OLINCOS_0043940 - 0043940	
571	Polsinelli PC	4/10/2019	1641382	201000021	Crab Orchard	\$ 32,415.93	Crab Orchard Superfund Site	REV_2020OLINCOS_0000098 - 0000101	Fees and Expenses	\$ 32,415.93	\$ 32,415.93	\$ 30,687.93	2020OLINCOS_0039231 - 0039231	
572	Polsinelli PC	5/10/2019	1652329	201000021	Crab Orchard	\$ 39,887.40	Crab Orchard Superfund Site	REV_2020OLINCOS_0000102 - 0000107	Fees and Expenses	\$ 39,887.40	\$ 39,887.40	\$ 39,231.90	2020OLINCOS_0039231 - 0039231	
578	Polsinelli PC	6/10/2019	1662244	201000021	Crab Orchard	\$ 47,463.37	Crab Orchard Superfund Site	REV_2020OLINCOS_0039292 - 0039296	Fees and Expenses	\$ 47,463.37	\$ 47,463.37	\$ 47,463.37	2020OLINCOS_0039244 - 0039244	
573	Polsinelli PC	6/10/2019	1662256	201000021	Crab Orchard	\$ 5,287.50	INA (OLIN V)	REV_2020OLINCOS_0000108 - 0000110	Fees and Expenses	\$ 5,287.50	\$ 5,287.50	\$ 2,796.50	2020OLINCOS_0039231 - 0039231	
577	Polsinelli PC	7/10/2019	1674014	201000021	Crab Orchard	\$ 66,829.08	Crab Orchard Superfund Site	REV_2020OLINCOS_0000111 - 0000118	Fees and Expenses	\$ 66,829.08	\$ 66,829.08	\$ 65,305.08	2020OLINCOS_0039244 - 0039244	
579	Polsinelli PC	8/9/2019	1685794	201000021	Crab Orchard	\$ 64,973.60	Crab Orchard Superfund Site	REV_2020OLINCOS_0000119 - 0000125	Fees and Expenses	\$ 64,973.60	\$ 64,973.60	\$ 62,185.10	2020OLINCOS_0043940 - 0043940	
580	Polsinelli PC	9/9/2019	1696439	201000021	Crab Orchard	\$ 63,496.64	Crab Orchard Superfund Site	REV_2020OLINCOS_0000126 - 0000132	Fees and Expenses	\$ 63,496.64	\$ 62,472.64	\$ 49,634.14	2020OLINCOS_0043940 - 0043940	
581	Polsinelli PC	10/7/2019	1709568	201000021	Crab Orchard	\$ 89,833.37	Crab Orchard Superfund Site	REV_2020OLINCOS_0000133 - 0000141	Fees and Expenses	\$ 89,833.37	\$ 89,833.37	\$ 70,197.37	2020OLINCOS_0043940 - 0043940	
582	Polsinelli PC	11/8/2019	1721286	201000021	Crab Orchard	\$ 90,989.53	Crab Orchard Superfund Site	REV_2020OLINCOS_0000142 - 0000148	Fees and Expenses	\$ 90,989.53	\$ 90,989.53	\$ 59,747.03	2020OLINCOS_0043940 - 0043940	
583	Polsinelli PC	12/6/2019	1731763	201000021	Crab Orchard	\$ 50,471.73	Crab Orchard Superfund Site	REV_2020OLINCOS_0000149 - 0000154	Fees and Expenses	\$ 50,471.73	\$ 50,471.73	\$ 48,559.23	2020OLINCOS_0039254 - 0039254	
584	Polsinelli PC	1/9/2020	1742569	201000021	Crab Orchard	\$ 37,791.18	Crab Orchard Superfund Site	REV_2020OLINCOS_0000155 - 0000163	Fees and Expenses	\$ 37,791.18	\$ 37,791.18	\$ 37,791.18	2020OLINCOS_0039254 - 0039254	
585	Polsinelli PC	2/10/2020	1753561	201000021	Crab Orchard	\$ 61,092.39	Crab Orchard Superfund Site	REV_2020OLINCOS_0000164 - 0000177	Fees and Expenses	\$ 61,092.39	\$ 61,092.39	\$ 61,092.39	2020OLINCOS_0039254 - 0039254	
586	Polsinelli PC	3/10/2020	1763619	201000021	Crab Orchard	\$ 36,004.95	Crab Orchard Superfund Site	REV_2020OLINCOS_0000178 - 0000183	Fees and Expenses	\$ 36,004.95	\$ 36,004.95	\$ 35,392.95	2020OLINCOS_0039254 - 0039254	
587	SCS Engineers	2/28/2006	0050321	05202022.06		\$ 2,959.38	Soil Gas/Vapor Sampling and Analysis at Ordnance and Tactical Manufacturing Facility in Marion, Illinois	CONWR_AUS_GDOTSCOSTS_011825 - 011825	Professional Personnel and Reimbursable Expenses	\$ 2,959.38	\$ 2,959.38	\$ 2,959.38	CONWR_AUS_GDOTSCOSTS_011826 - 011826	
588	SCS Engineers	3/31/2006	0051674	05202022.06		\$ 4,678.80	Soil Gas/Vapor Sampling and Analysis at Ordnance and Tactical Manufacturing Facility in Marion, Illinois	CONWR_AUS_GDOTSCOSTS_011827 - 011827	Potential Vapor Intrusion Evaluation	\$ 4,678.80	\$ 4,678.80	\$ 4,678.80	CONWR_AUS_GDOTSCOSTS_011828 - 011828	

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
													Amount	
	589	SCS Engineers	4/30/2006	0052845	05202022.06		\$ 6,461.20	Soil Gas/Vapor Sampling and Analysis at Ordnance and Tactical Manufacturing Facility in Marion, Illinois	CONWR_AUS_GDOTSCOSTS_011829 - 011829	Potential Vapor Intrusion Evaluation	\$ 6,461.20	\$ 6,461.20	\$ 6,461.20	CONWR_AUS_GDOTSCOSTS_011830 - 011830
	606	Shannon & Wilson	3/18/2009	25952-55	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 201,009.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_004410 - 004450	Project management, mobilization/demobilization, data reporting, meetings, and field activity at multiple AUSs.	\$ 201,009.00	\$ 201,009.00	\$ 201,009.00	CONWR_AUS_GDOTSCOSTS_004451 - 004451
	607	Shannon & Wilson	4/9/2009	26005-07	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 345,439.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_004452 - 004498	Project management, mobilization/demobilization, data reporting, and field activity at multiple AUSs.	\$ 345,439.00	\$ 345,439.00	\$ 345,439.00	CONWR_AUS_GDOTSCOSTS_004499 - 004499
	608	Shannon & Wilson	5/12/2009	26066-68	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 599,657.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_004500 - 004550	Project management, data reporting, and field activity at multiple AUSs.	\$ 599,657.00	\$ 599,657.00	\$ 599,657.00	CONWR_AUS_GDOTSCOSTS_004451 - 004551
	609	Shannon & Wilson	6/12/2009	26140-42	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 625,005.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_004552 - 004613	Project management, data reporting, and field activity at multiple AUSs.	\$ 625,005.00	\$ 625,005.00	\$ 625,005.00	CONWR_AUS_GDOTSCOSTS_004614 - 004614
	610	Shannon & Wilson	7/10/2009	26187-90	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 444,234.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_004615 - 004665	Project management, mobilization/demobilization, data reporting, Remedial Investigation report assistance, and field activity at multiple AUSs.	\$ 444,234.00	\$ 444,234.00	\$ 444,234.00	CONWR_AUS_GDOTSCOSTS_004666 - 004666
	611	Shannon & Wilson	8/6/2009	26236-39	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 135,469.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_004667 - 004718	Project management, mobilization/demobilization, data reporting, Remedial Investigation Report assistance, and field activity at multiple AUSs.	\$ 135,469.00	\$ 135,469.00	\$ 135,469.00	CONWR_AUS_GDOTSCOSTS_004719 - 004719
	612	Shannon & Wilson	9/10/2009	26291-94	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 292,477.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_004720 - 004801	Project management, mobilization/demobilization, data reporting, Remedial Investigation Report assistance, and field activity at multiple AUSs.	\$ 292,477.00	\$ 292,477.00	\$ 292,477.00	CONWR_AUS_GDOTSCOSTS_004802 - 004802
	613	Shannon & Wilson	10/8/2009	26343-45	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 127,846.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_004803 - 004856	Project management, mobilization/demobilization, data reporting, and field activity at multiple AUSs.	\$ 127,846.00	\$ 127,846.00	\$ 127,846.00	CONWR_AUS_GDOTSCOSTS_004857 - 004857
	614	Shannon & Wilson	11/12/2009	26392-94	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 30,904.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_004858 - 004932	Project management, field activity at AUS-A2Pand A04W, and data reporting.	\$ 30,904.00	\$ 30,904.00	\$ 30,904.00	CONWR_AUS_GDOTSCOSTS_004933 - 004933
	615	Shannon & Wilson	11/30/2009	22904	41-1-36844	Crab Orchard Superfund Site	\$ 1,156.14	Statement of Account	CONWR_AUS_GDOTSCOSTS_004934 - 004934	Late Fee	\$ 76.14	\$ 76.14	-	CONWR_AUS_GDOTSCOSTS_004935 - 004935
	615	Shannon & Wilson	11/30/2009	22904	41-1-36844	Crab Orchard Superfund Site	\$ 1,156.14	Statement of Account	CONWR_AUS_GDOTSCOSTS_004934 - 004934	Invoice Amount	\$ 1,080.00	\$ 1,080.00	\$ 1,080.00	CONWR_AUS_GDOTSCOSTS_004935 - 004935
	616	Shannon & Wilson	12/10/2009	26438-40	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 80,650.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_004936 - 004985	Project management, data reporting, and field activity at multiple AUSs.	\$ 80,650.00	\$ 80,650.00	\$ 80,650.00	CONWR_AUS_GDOTSCOSTS_004986 - 004986
	617	Shannon & Wilson	1/7/2010	26483-85	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 162,886.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_004987 - 005036	Project management, mobilization/demobilization, data reporting, and field activity at multiple AUSs.	\$ 162,886.00	\$ 162,886.00	\$ 162,886.00	CONWR_AUS_GDOTSCOSTS_005037 - 005037
	618	Shannon & Wilson	2/10/2010	26542-43	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 16,500.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_005038 - 005087	Project management, data reporting and Remedial Investigation Report assistance	\$ 16,500.00	\$ 16,500.00	\$ 16,500.00	CONWR_AUS_GDOTSCOSTS_005088 - 005088
	619	Shannon & Wilson	3/9/2010	26578-79	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 3,700.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_005089 - 005136	Project management	\$ 3,700.00	\$ 3,700.00	\$ 3,700.00	CONWR_AUS_GDOTSCOSTS_005137 - 005137
	620	Shannon & Wilson	4/7/2010	26610-12	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 22,746.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_005138 - 005184	Project management and field activity at multiple AUSs.	\$ 22,746.00	\$ 22,746.00	\$ 22,746.00	CONWR_AUS_GDOTSCOSTS_005185 - 005185
	621	Shannon & Wilson	5/6/2010	26667-69	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 103,003.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_005186 - 005234	Project management, mobilization/demobilization, and field activity at multiple AUSs.	\$ 103,003.00	\$ 103,003.00	\$ 103,003.00	CONWR_AUS_GDOTSCOSTS_005235 - 005235
	622	Shannon & Wilson	6/10/2010	26740-42	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 14,796.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_005236 - 005283	Project management and field activity at multiple AUSs.	\$ 14,796.00	\$ 14,796.00	\$ 14,796.00	CONWR_AUS_GDOTSCOSTS_005284 - 005284
	623	Shannon & Wilson	7/8/2010	26790	41-1-36844 (01)	CONWR Phase II RI - Field Work	\$ 1,300.00	CONWR Phase II RI	CONWR_AUS_GDOTSCOSTS_005285 - 005331	Project management	\$ 1,300.00	\$ 1,300.00	\$ 1,300.00	CONWR_AUS_GDOTSCOSTS_005332 - 005332
	624	Shannon & Wilson	5/8/2012	27866	41-1-36844 (06)	Crab Orchard Superfund Site	\$ 25,733.50	Crab Orchard MEC Asbestos	CONWR_AUS_GDOTSCOSTS_005333 - 005350	Labor, expenses and lump sum mob	\$ 25,733.50	\$ 25,733.50	\$ 25,733.50	CONWR_AUS_GDOTSCOSTS_005351 - 005351
	625	Shannon & Wilson	6/5/2012	27917	41-1-36844 (06)	Crab Orchard Superfund Site	\$ 16,452.00	Crab Orchard MEC Asbestos	CONWR_AUS_GDOTSCOSTS_005352 - 005373	Labor, expenses and subcontractors (sample analysis)	\$ 16,452.00	\$ 16,452.00	\$ 16,452.00	CONWR_AUS_GDOTSCOSTS_005374 - 005374
	626	Shannon & Wilson	7/11/2012	27971	41-1-36844 (06)	Crab Orchard Superfund Site	\$ 31,033.00	Crab Orchard MEC Asbestos	CONWR_AUS_GDOTSCOSTS_005375 - 005399	Labor, expenses and subcontractors (sample analysis)	\$ 31,033.00	\$ 31,033.00	\$ 31,033.00	CONWR_AUS_GDOTSCOSTS_005400 - 005400
	627	Shannon & Wilson	8/9/2012	28027	41-1-36844 (06)	Crab Orchard Superfund Site	\$ 44,853.00	Crab Orchard MEC Asbestos	CONWR_AUS_GDOTSCOSTS_005401 - 005442	Labor, expenses and subcontractors (sample analysis)	\$ 44,853.00	\$ 44,853.00	\$ 44,853.00	CONWR_AUS_GDOTSCOSTS_005443 - 005443
	628	Shannon & Wilson	9/6/2012	28070	41-1-36844 (06)	Crab Orchard Superfund Site	\$ 15,028.00	Crab Orchard MEC Asbestos	CONWR_AUS_GDOTSCOSTS_005444 - 005448	Labor and subcontractors (sample analysis)	\$ 15,028.00	\$ 15,028.00	\$ 15,028.00	CONWR_AUS_GDOTSCOSTS_005449 - 005449
	629	Shannon & Wilson	10/11/2012	28119	41-1-36844 (06)	Crab Orchard Superfund Site	\$ 4,825.00	Crab Orchard MEC Asbestos	CONWR_AUS_GDOTSCOSTS_005450 - 005451	Labor	\$ 4,825.00	\$ 4,825.00	\$ 4,825.00	CONWR_AUS_GDOTSCOSTS_005452 - 005452
	631	Shannon & Wilson	3/14/2013	28314	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 22,409.85	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005453 - 005464	Project Management	\$ 1,782.50	\$ 1,782.50	\$ 1,782.50	CONWR_AUS_GDOTSCOSTS_005465 - 005465
	631	Shannon & Wilson	3/14/2013	28314	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 22,409.85	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005453 - 005464	Revised RI Report & FS	\$ 15,064.50	\$ 15,064.50	\$ 15,064.50	CONWR_AUS_GDOTSCOSTS_005465 - 005465
	631	Shannon & Wilson	3/14/2013	28314	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 22,409.85	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005453 - 005464	Meetings	\$ 5,562.85	\$ 5,562.85	\$ 5,562.85	CONWR_AUS_GDOTSCOSTS_005465 - 005465
	632	Shannon & Wilson	4/5/2013	28369	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 41,055.93	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005466 - 005488	Project Management	\$ 10,442.00	\$ 10,442.00	\$ 10,442.00	CONWR_AUS_GDOTSCOSTS_005489 - 005489
	632	Shannon & Wilson	4/5/2013	28369	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 41,055.93	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005466 - 005488	Revised RI Report & FS	\$ 24,961.62	\$ 24,961.62	\$ 24,961.62	CONWR_AUS_GDOTSCOSTS_005489 - 005489
	632	Shannon & Wilson	4/5/2013	28369	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 41,055.93	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005466 - 005488	Meetings	\$ 5,069.81	\$ 5,069.81	\$ 5,069.81	CONWR_AUS_GDOTSCOSTS_005489 - 005489
	632	Shannon & Wilson	4/5/2013	28369	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 41,055.93	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005466 - 005488	GIS Maintenance	\$ 582.50	\$ 582.50	\$ 582.50	CONWR_AUS_GDOTSCOSTS_005489 - 005489
	633	Shannon & Wilson	5/7/2013	28459	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 35,981.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005490 - 005499	Project Management	\$ 9,677.00	\$ 9,677.00	\$ 9,677.00	CONWR_AUS_GDOTSCOSTS_005500 - 005500
	633	Shannon & Wilson	5/7/2013	28459	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 35,981.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005490 - 005499	Revised RI Report & FS	\$ 25,152.00	\$ 25,152.00	\$ 25,152.00	CONWR_AUS_GDOTSCOSTS_005500 - 005500
	633	Shannon & Wilson	5/7/2013	28459	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 35,981.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005490 - 005499	GIS Maintenance	\$ 1,152.00	\$ 1,152.00	\$ 1,152.00	CONWR_AUS_GDOTSCOSTS_005500 - 005500
	634	Shannon & Wilson	6/5/2013	28487	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,349.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005501 - 005509	Project Management; Revised RI Report & FS; and GIS Maintenance	\$ 24,349.00	\$ 24,349.00	\$ 24,349.00	CONWR_AUS_GDOTSCOSTS_005510 - 005510

Invoice Database														
Nathan Invoice														
ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation	Bates Number
635	Shannon & Wilson	7/11/2013	28570	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,374.51	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005511 - 005521	Project Management	\$ 5,663.69	\$ 5,663.69	\$ 5,663.69	CONWR_AUS_GDOTSCOSTS_005522 - 005522	
635	Shannon & Wilson	7/11/2013	28570	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,374.51	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005511 - 005521	Revised RI Report & FS	\$ 16,557.00	\$ 16,557.00	\$ 16,557.00	CONWR_AUS_GDOTSCOSTS_005522 - 005522	
635	Shannon & Wilson	7/11/2013	28570	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,374.51	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005511 - 005521	GIS Maintenance	\$ 5,571.32	\$ 5,571.32	\$ 5,571.32	CONWR_AUS_GDOTSCOSTS_005522 - 005522	
635	Shannon & Wilson	7/11/2013	28570	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,374.51	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005511 - 005521	Site 69 MEC/Asbestos Rpt	\$ 3,582.50	\$ 3,582.50	\$ 3,582.50	CONWR_AUS_GDOTSCOSTS_005522 - 005522	
636	Shannon & Wilson	8/8/2013	28630	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,092.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005523 - 005532	Project Management	\$ 8,082.50	\$ 8,082.50	\$ 8,082.50	CONWR_AUS_GDOTSCOSTS_005533 - 005533	
636	Shannon & Wilson	8/8/2013	28630	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,092.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005523 - 005532	Revised RI Report & FS	\$ 17,995.00	\$ 17,995.00	\$ 17,995.00	CONWR_AUS_GDOTSCOSTS_005533 - 005533	
636	Shannon & Wilson	8/8/2013	28630	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,092.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005523 - 005532	GIS Maintenance	\$ 2,932.50	\$ 2,932.50	\$ 2,932.50	CONWR_AUS_GDOTSCOSTS_005533 - 005533	
636	Shannon & Wilson	8/8/2013	28630	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,092.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005523 - 005532	Site 69 MEC/Asbestos Rpt	\$ 2,082.50	\$ 2,082.50	\$ 2,082.50	CONWR_AUS_GDOTSCOSTS_005533 - 005533	
637	Shannon & Wilson	9/11/2013	28687	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 22,340.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005534 - 005540	Revised RI Report & FS	\$ 15,832.50	\$ 15,832.50	\$ 15,832.50	CONWR_AUS_GDOTSCOSTS_005541 - 005541	
637	Shannon & Wilson	9/11/2013	28687	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 22,340.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005534 - 005540	Project Management	\$ 6,507.50	\$ 6,507.50	\$ 6,507.50	CONWR_AUS_GDOTSCOSTS_005541 - 005541	
638	Shannon & Wilson	10/9/2013	28753	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 4,765.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005542 - 005548	Project Management	\$ 3,532.50	\$ 3,532.50	\$ 3,532.50	CONWR_AUS_GDOTSCOSTS_005549 - 005549	
638	Shannon & Wilson	10/9/2013	28753	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 4,765.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005542 - 005548	Revised RI Report & FS	\$ 1,232.50	\$ 1,232.50	\$ 1,232.50	CONWR_AUS_GDOTSCOSTS_005549 - 005549	
639	Shannon & Wilson	10/9/2013	28760	42-1-37329 (01)	Crab Orchard UAS OU - PRP Assistance	\$ 423.09	Environmental Services - Technical Assistance for PRP Negotiations	CONWR_AUS_GDOTSCOSTS_005550 - 005550	Labor and Expenses	\$ 423.09	\$ 423.09	\$ 423.09	CONWR_AUS_GDOTSCOSTS_005551 - 005551	
640	Shannon & Wilson	11/6/2013	28817	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 2,690.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005552 - 005559	Project Management	\$ 1,607.50	\$ 1,607.50	\$ 1,607.50	CONWR_AUS_GDOTSCOSTS_005560 - 005560	
640	Shannon & Wilson	11/6/2013	28817	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 2,690.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005552 - 005559	Revised RI Report & FS	\$ 1,082.50	\$ 1,082.50	\$ 1,082.50	CONWR_AUS_GDOTSCOSTS_005560 - 005560	
630	Shannon & Wilson	12/11/2013	28886	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 17,892.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005561 - 005567	Project Management	\$ 3,182.50	\$ 3,107.25	\$ 3,107.25	CONWR_AUS_GDOTSCOSTS_005568 - 005568	
630	Shannon & Wilson	12/11/2013	28886	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 17,892.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005561 - 005567	Revised RI Report & FS	\$ 14,477.50	\$ 14,135.16	\$ 14,135.16	CONWR_AUS_GDOTSCOSTS_005568 - 005568	
630	Shannon & Wilson	12/11/2013	28886	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 17,892.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005561 - 005567	GIS Maintenance	\$ 232.50	\$ 227.00	\$ 227.00	CONWR_AUS_GDOTSCOSTS_005568 - 005568	
641	Shannon & Wilson	1/9/2014	28939	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 23,506.04	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005569 - 005587	Project Management; Revised RI Report & FS; and Meetings	\$ 23,506.04	\$ 23,506.04	\$ 23,506.04	CONWR_AUS_GDOTSCOSTS_005588 - 005588	
642	Shannon & Wilson	2/26/2014	28995	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,518.57	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005589 - 005603	Project Management; Revised RI Report & FS; and Meetings	\$ 29,518.57	\$ 29,518.57	\$ 29,518.57	CONWR_AUS_GDOTSCOSTS_005604 - 005604	
643	Shannon & Wilson	3/6/2014	29057	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 18,562.34	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005605 - 005636	Project Management; Revised RI Report & FS; and Meetings	\$ 18,562.34	\$ 18,562.34	\$ 18,562.34	CONWR_AUS_GDOTSCOSTS_005637 - 005637	
644	Shannon & Wilson	4/7/2014	29068	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,721.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005638 - 005646	Project Management; Revised RI Report & FS; and GIS Maintenance	\$ 31,721.00	\$ 31,721.00	\$ 31,721.00	CONWR_AUS_GDOTSCOSTS_005647 - 005647	
645	Shannon & Wilson	5/8/2014	29170	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 15,331.02	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005648 - 005663	Project Management; Revised RI Report & FS; Meetings; and GIS Maintenance	\$ 15,331.02	\$ 15,331.02	\$ 15,331.02	CONWR_AUS_GDOTSCOSTS_005664 - 005664	
646	Shannon & Wilson	6/11/2014	29255	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 23,105.07	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005665 - 005679	Revised RI Report & FS	\$ 8,732.00	\$ 8,732.00	\$ 8,732.00	CONWR_AUS_GDOTSCOSTS_005680 - 005680	
646	Shannon & Wilson	6/11/2014	29255	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 23,105.07	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005665 - 005679	Site 69 MEC/Asbestos Rpt	\$ 382.50	\$ 382.50	\$ 382.50	CONWR_AUS_GDOTSCOSTS_005680 - 005680	
646	Shannon & Wilson	6/11/2014	29255	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 23,105.07	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005665 - 005679	Meetings	\$ 2,786.57	\$ 2,786.57	\$ 2,786.57	CONWR_AUS_GDOTSCOSTS_005680 - 005680	
646	Shannon & Wilson	6/11/2014	29255	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 23,105.07	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005665 - 005679	Project Management	\$ 10,552.00	\$ 10,552.00	\$ 10,552.00	CONWR_AUS_GDOTSCOSTS_005680 - 005680	
646	Shannon & Wilson	6/11/2014	29255	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 23,105.07	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005665 - 005679	GIS Maintenance	\$ 652.00	\$ 652.00	\$ 652.00	CONWR_AUS_GDOTSCOSTS_005680 - 005680	
647	Shannon & Wilson	7/10/2014	29326	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 23,983.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005681 - 005689	Project Management; Revised RI Report & FS; Meetings; and GIS Maintenance	\$ 23,983.00	\$ 23,983.00	\$ 23,983.00	CONWR_AUS_GDOTSCOSTS_005690 - 005690	
648	Shannon & Wilson	8/7/2014	29396	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 35,284.30	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005691 - 005711	Project Management; Revised RI Report & FS; and GIS Maintenance	\$ 35,284.30	\$ 35,284.30	\$ 35,284.30	CONWR_AUS_GDOTSCOSTS_005712 - 005712	
649	Shannon & Wilson	8/19/2014	29346-400-403	41-1-37492	Crab Orchard - RI Addendum	\$ 149,360.00	Environmental Services	CONWR_AUS_GDOTSCOSTS_005713 - 005736	Project management, field work and mobilization and demobilization	\$ 149,360.00	\$ 149,360.00	\$ 149,360.00	CONWR_AUS_GDOTSCOSTS_005737 - 005737	
650	Shannon & Wilson	9/10/2014	29467	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 34,381.80	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005738 - 005750	Project Management	\$ 7,927.00	\$ 7,927.00	\$ 7,927.00	CONWR_AUS_GDOTSCOSTS_005751 - 005751	
650	Shannon & Wilson	9/10/2014	29467	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 34,381.80	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005738 - 005750	Meetings	\$ 1,528.80	\$ 1,528.80	\$ 1,528.80	CONWR_AUS_GDOTSCOSTS_005751 - 005751	
650	Shannon & Wilson	9/10/2014	29467	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 34,381.80	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005738 - 005750	Revised RI Report & FS	\$ 23,572.00	\$ 23,572.00	\$ 23,572.00	CONWR_AUS_GDOTSCOSTS_005751 - 005751	
650	Shannon & Wilson	9/10/2014	29467	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 34,381.80	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005738 - 005750	Site 69 MEC/Asbestos Rpt	\$ 1,102.00	\$ 1,102.00	\$ 1,102.00	CONWR_AUS_GDOTSCOSTS_005751 - 005751	
650	Shannon & Wilson	9/10/2014	29467	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 34,381.80	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005738 - 005750	GIS Maintenance	\$ 252.00	\$ 252.00	\$ 252.00	CONWR_AUS_GDOTSCOSTS_005751 - 005751	
651	Shannon & Wilson	9/12/2014	29482-83-84	41-1-37492	Crab Orchard - RI Addendum	\$ 163,280.00	Environmental Services	CONWR_AUS_GDOTSCOSTS_005752 - 005796	Project management, field work and mobilization and demobilization	\$ 163,280.00	\$ 163,280.00	\$ 163,280.00	CONWR_AUS_GDOTSCOSTS_005797 - 005797	
652	Shannon & Wilson	10/7/2014	29516	41-1-37492	Crab Orchard - RI Addendum	\$ 1,815.00	Environmental Services	CONWR_AUS_GDOTSCOSTS_005798 - 005805	Project Management	\$ 1,815.00	\$ 1,815.00	\$ 1,815.00	CONWR_AUS_GDOTSCOSTS_005806 - 005806	
653	Shannon & Wilson	10/8/2014	29542	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 43,244.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005807 - 005815	Project Management	\$ 3,571.50	\$ 3,571.50	\$ 3,571.50	CONWR_AUS_GDOTSCOSTS_005816 - 005816	
653	Shannon & Wilson	10/8/2014	29542	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 43,244.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005807 - 005815	Revised RI Report & FS	\$ 38,751.50	\$ 38,751.50	\$ 38,751.50	CONWR_AUS_GDOTSCOSTS_005816 - 005816	
653	Shannon & Wilson	10/8/2014	29542	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 43,244.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005807 - 005815	Site 69 MEC/Asbestos Rpt	\$ 921.50	\$ 921.50	\$ 921.50	CONWR_AUS_GDOTSCOSTS_005816 - 005816	
654	Shannon & Wilson	11/4/2014	29578	41-1-37492	Crab Orchard - RI Addendum	\$ 732.50	Environmental Services	CONWR_AUS_GDOTSCOSTS_005817 - 005821	Project Management	\$ 732.50	\$ 732.50	\$ 732.50	CONWR_AUS_GDOTSCOSTS_005822 - 005822	
655	Shannon & Wilson	11/5/2014	29593	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 25,405.09	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005823 - 005848	Project Management	\$ 3,571.50	\$ 3,571.50	\$ 3,571.50	CONWR_AUS_GDOTSCOSTS_005849 - 005849	
655	Shannon & Wilson	11/5/2014	29593	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 25,405.09	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005823 - 005848	Revised RI Report & FS	\$ 14,120.29	\$ 14,120.29	\$ 14,120.29	CONWR_AUS_GDOTSCOSTS_005849 - 005849	
655	Shannon & Wilson	11/5/2014	29593	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 25,405.09	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005823 - 005848	Meetings	\$ 5,720.30	\$ 5,720.30	\$ 5,720.30	CONWR_AUS_GDOTSCOSTS_005849 - 005849	
655	Shannon & Wilson	11/5/2014	29593	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 25,405.09	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005823 - 005848	GIS Maintenance	\$ 871.50	\$ 871.50	\$ 871.50	CONWR_AUS_GDOTSCOSTS_005849 - 005849	
655	Shannon & Wilson	11/5/2014	29593	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 25,405.09	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005823 - 005848	Site 69 MEC/Asbestos Rpt	\$ 1,121.50	\$ 1,121.50	\$ 1,121.50	CONWR_AUS_GDOTSCOSTS_005849 - 005849	
656	Shannon & Wilson	12/11/2014	29669	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 14,432.10	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005850 - 005883	Project Management; Revised RI Report & FS; Meetings; GIS Maintenance; and RI Addendum Report	\$ 14,432.10	\$ 14,432.10	\$ 14,432.10	CONWR_AUS_GDOTSCOSTS_005884 - 005884	
657	Shannon & Wilson	12/17/2014	29646-47-79	41-1-37492	Crab Orchard - RI Addendum	\$ 14,676.00	Environmental Services	CONWR_AUS_GDOTSCOSTS_005885 - 005887	Project Management; Mobilization/Demobilization; and AUS-0A2D Field	\$ 14,676.00	\$ 14,676.00	\$ 14,676.00	CONWR_AUS_GDOTSCOSTS_005888 - 005888	

Invoice Database

ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	
												Amount	Payment Documentation Bates Number
658	Shannon & Wilson	1/8/2015	29722	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 20,388.19	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005889 - 005902	Project Management; Meetings; GIS Maintenance; and RI Addendum Report	\$ 20,388.19	\$ 20,388.19	\$ 20,388.19	CONWR_AUS_GDOTSCOSTS_005903 - 005903
659	Shannon & Wilson	2/12/2015	29779	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 41,597.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005904 - 005911	Project Management; Revised RI Report & FS; GIS Maintenance; and RI Addendum Report	\$ 41,597.50	\$ 41,597.50	\$ 41,597.50	CONWR_AUS_GDOTSCOSTS_005912 - 005912
660	Shannon & Wilson	3/12/2015	29840	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,213.32	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005913 - 005948	RI Addendum Report	\$ 6,342.00	\$ 6,342.00	\$ 6,342.00	CONWR_AUS_GDOTSCOSTS_005949 - 005949
660	Shannon & Wilson	3/12/2015	29840	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,213.32	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005913 - 005948	Project Management	\$ 5,603.49	\$ 5,603.49	\$ 5,603.49	CONWR_AUS_GDOTSCOSTS_005949 - 005949
660	Shannon & Wilson	3/12/2015	29840	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,213.32	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005913 - 005948	Revised RI Report & FS	\$ 13,265.29	\$ 13,265.29	\$ 13,265.29	CONWR_AUS_GDOTSCOSTS_005949 - 005949
660	Shannon & Wilson	3/12/2015	29840	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,213.32	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005913 - 005948	Meetings	\$ 5,085.54	\$ 5,085.54	\$ 5,085.54	CONWR_AUS_GDOTSCOSTS_005949 - 005949
660	Shannon & Wilson	3/12/2015	29840	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,213.32	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005913 - 005948	GIS Maintenance	\$ 702.00	\$ 702.00	\$ 702.00	CONWR_AUS_GDOTSCOSTS_005949 - 005949
660	Shannon & Wilson	3/12/2015	29840	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 31,213.32	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005913 - 005948	RAO Memo	\$ 215.00	\$ 215.00	\$ 215.00	CONWR_AUS_GDOTSCOSTS_005949 - 005949
661	Shannon & Wilson	4/9/2015	29895	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 22,224.82	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005950 - 005981	Project Management	\$ 2,871.50	\$ 2,871.50	\$ 2,871.50	CONWR_AUS_GDOTSCOSTS_005982 - 005982
661	Shannon & Wilson	4/9/2015	29895	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 22,224.82	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005950 - 005981	Meetings	\$ 6,328.66	\$ 6,328.66	\$ 6,328.66	CONWR_AUS_GDOTSCOSTS_005982 - 005982
661	Shannon & Wilson	4/9/2015	29895	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 22,224.82	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005950 - 005981	GIS Maintenance	\$ 271.50	\$ 271.50	\$ 271.50	CONWR_AUS_GDOTSCOSTS_005982 - 005982
661	Shannon & Wilson	4/9/2015	29895	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 22,224.82	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005950 - 005981	Revised RI Report & FS	\$ 12,753.16	\$ 12,753.16	\$ 12,753.16	CONWR_AUS_GDOTSCOSTS_005982 - 005982
662	Shannon & Wilson	5/8/2015	29970	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 19,466.12	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005983 - 006017	RAO Memo	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	CONWR_AUS_GDOTSCOSTS_006018 - 006018
662	Shannon & Wilson	5/8/2015	29970	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 19,466.12	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005983 - 006017	GIS Maintenance	\$ 6,450.00	\$ 6,450.00	\$ 6,450.00	CONWR_AUS_GDOTSCOSTS_006018 - 006018
662	Shannon & Wilson	5/8/2015	29970	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 19,466.12	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005983 - 006017	Meetings	\$ 5,253.71	\$ 5,253.71	\$ 5,253.71	CONWR_AUS_GDOTSCOSTS_006018 - 006018
662	Shannon & Wilson	5/8/2015	29970	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 19,466.12	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005983 - 006017	Revised RI Report & FS	\$ 490.91	\$ 490.91	\$ 490.91	CONWR_AUS_GDOTSCOSTS_006018 - 006018
662	Shannon & Wilson	5/8/2015	29970	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 19,466.12	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_005983 - 006017	Project Management	\$ 6,021.50	\$ 6,021.50	\$ 6,021.50	CONWR_AUS_GDOTSCOSTS_006018 - 006018
663	Shannon & Wilson	6/8/2015	29975	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 25,886.87	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_006019 - 006031	RAO Memo	\$ 10,225.00	\$ 10,225.00	\$ 10,225.00	CONWR_AUS_GDOTSCOSTS_006032 - 006032
663	Shannon & Wilson	6/8/2015	29975	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 25,886.87	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_006019 - 006031	GIS Maintenance	\$ 1,700.00	\$ 1,700.00	\$ 1,700.00	CONWR_AUS_GDOTSCOSTS_006032 - 006032
663	Shannon & Wilson	6/8/2015	29975	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 25,886.87	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_006019 - 006031	Meetings	\$ 3,040.37	\$ 3,040.37	\$ 3,040.37	CONWR_AUS_GDOTSCOSTS_006032 - 006032
663	Shannon & Wilson	6/8/2015	29975	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 25,886.87	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_006019 - 006031	Project Management	\$ 10,921.50	\$ 10,921.50	\$ 10,921.50	CONWR_AUS_GDOTSCOSTS_006032 - 006032
664	Shannon & Wilson	7/9/2015	30096	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 28,797.55	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_011954 - 011976	RAO Memo	\$ 15,550.00	\$ 15,550.00	\$ 15,550.00	CONWR_AUS_GDOTSCOSTS_011976 - 011976
664	Shannon & Wilson	7/9/2015	30096	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 28,797.55	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_011954 - 011976	GIS Maintenance	\$ 1,350.00	\$ 1,350.00	\$ 1,350.00	CONWR_AUS_GDOTSCOSTS_011976 - 011976
664	Shannon & Wilson	7/9/2015	30096	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 28,797.55	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_011954 - 011976	Project Management	\$ 6,371.50	\$ 6,371.50	\$ 6,371.50	CONWR_AUS_GDOTSCOSTS_011976 - 011976
664	Shannon & Wilson	7/9/2015	30096	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 28,797.55	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_011954 - 011976	Meetings	\$ 5,526.05	\$ 5,526.05	\$ 5,526.05	CONWR_AUS_GDOTSCOSTS_011976 - 011976
665	Shannon & Wilson	8/5/2015	30154	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 33,343.93	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_011977 - 011999	Meetings	\$ 5,647.43	\$ 5,647.43	\$ 5,647.43	CONWR_AUS_GDOTSCOSTS_011999 - 011999
665	Shannon & Wilson	8/5/2015	30154	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 33,343.93	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_011977 - 011999	GIS Maintenance	\$ 100.00	\$ 100.00	\$ 100.00	CONWR_AUS_GDOTSCOSTS_011999 - 011999
665	Shannon & Wilson	8/5/2015	30154	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 33,343.93	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_011977 - 011999	Project Management	\$ 6,021.50	\$ 6,021.50	\$ 6,021.50	CONWR_AUS_GDOTSCOSTS_011999 - 011999
665	Shannon & Wilson	8/5/2015	30154	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 33,343.93	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_011977 - 011999	RAO Memo	\$ 21,575.00	\$ 21,575.00	\$ 21,575.00	CONWR_AUS_GDOTSCOSTS_011999 - 011999
666	Shannon & Wilson	9/9/2015	30235	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 32,381.94	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012000 - 012014	Project Management	\$ 8,471.50	\$ 8,471.50	\$ 8,471.50	CONWR_AUS_GDOTSCOSTS_012015 - 012015
666	Shannon & Wilson	9/9/2015	30235	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 32,381.94	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012000 - 012014	PSA Memo	\$ 16,500.00	\$ 16,500.00	\$ 16,500.00	CONWR_AUS_GDOTSCOSTS_012015 - 012015
666	Shannon & Wilson	9/9/2015	30235	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 32,381.94	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012000 - 012014	GIS Maintenance	\$ 2,600.00	\$ 2,600.00	\$ 2,600.00	CONWR_AUS_GDOTSCOSTS_012015 - 012015
666	Shannon & Wilson	9/9/2015	30235	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 32,381.94	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012000 - 012014	Meetings	\$ 4,810.44	\$ 4,810.44	\$ 4,810.44	CONWR_AUS_GDOTSCOSTS_012015 - 012015
667	Shannon & Wilson	10/7/2015	30307	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 23,144.02	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012053 - 012064	Project Management	\$ 4,446.50	\$ 4,446.50	\$ 4,446.50	CONWR_AUS_GDOTSCOSTS_012052 - 012052
667	Shannon & Wilson	10/7/2015	30307	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 23,144.02	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012053 - 012064	Meetings	\$ 2,997.52	\$ 2,997.52	\$ 2,997.52	CONWR_AUS_GDOTSCOSTS_012052 - 012052
667	Shannon & Wilson	10/7/2015	30307	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 23,144.02	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012053 - 012064	PSA Memo	\$ 15,700.00	\$ 15,700.00	\$ 15,700.00	CONWR_AUS_GDOTSCOSTS_012052 - 012052
668	Shannon & Wilson	11/4/2015	30337	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 30,766.04	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012066 - 012088	GIS Maintenance	\$ 100.00	\$ 100.00	\$ 100.00	2020OLINCOS_0043940 - 0043940
668	Shannon & Wilson	11/4/2015	30337	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 30,766.04	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012066 - 012088	PSA Memo	\$ 20,750.00	\$ 20,750.00	\$ 20,750.00	2020OLINCOS_0043940 - 0043940
668	Shannon & Wilson	11/4/2015	30337	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 30,766.04	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012066 - 012088	Meetings	\$ 6,694.54	\$ 6,694.54	\$ 6,694.54	2020OLINCOS_0043940 - 0043940
668	Shannon & Wilson	11/4/2015	30337	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 30,766.04	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012066 - 012088	Project Management	\$ 3,221.50	\$ 3,221.50	\$ 3,221.50	2020OLINCOS_0043940 - 0043940
669	Shannon & Wilson	12/9/2015	30439	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 39,674.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012174 - 012181	Project Management	\$ 6,021.50	\$ 6,021.50	\$ 6,021.50	CONWR_AUS_GDOTSCOSTS_012182 - 012182
669	Shannon & Wilson	12/9/2015	30439	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 39,674.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012174 - 012181	PSA Memo	\$ 33,652.50	\$ 33,652.50	\$ 33,652.50	CONWR_AUS_GDOTSCOSTS_012182 - 012182
670	Shannon & Wilson	1/7/2016	30501	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 30,179.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012183 - 012187	Project Management	\$ 3,221.50	\$ 3,221.50	\$ 3,221.50	CONWR_AUS_GDOTSCOSTS_012188 - 012188
670	Shannon & Wilson	1/7/2016	30501	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 30,179.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012183 - 012187	PSA Memo	\$ 26,957.50	\$ 26,957.50	\$ 26,957.50	CONWR_AUS_GDOTSCOSTS_012188 - 012188
671	Shannon & Wilson	2/11/2016	30565	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 16,435.04	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012189 - 012208	GIS Maintenance	\$ 450.00	\$ 450.00	\$ 450.00	CONWR_AUS_GDOTSCOSTS_012209 - 012209; 2020OLINCOS_0043940 - 0043940
671	Shannon & Wilson	2/11/2016	30565	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 16,435.04	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012189 - 012208	PSA Memo	\$ 1,450.00	\$ 1,450.00	\$ 1,450.00	CONWR_AUS_GDOTSCOSTS_012209 - 012209; 2020OLINCOS_0043940 - 0043940
671	Shannon & Wilson	2/11/2016	30565	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 16,435.04	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012189 - 012208	CAA Memo	\$ 3,100.00	\$ 3,100.00	\$ 3,100.00	CONWR_AUS_GDOTSCOSTS_012209 - 012209; 2020OLINCOS_0043940 - 0043940
671	Shannon & Wilson	2/11/2016	30565	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 16,435.04	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012189 - 012208	Project Management	\$ 5,671.50	\$ 5,671.50	\$ 5,671.50	CONWR_AUS_GDOTSCOSTS_012209 - 012209; 2020OLINCOS_0043940 - 0043940
671	Shannon & Wilson	2/11/2016	30565	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 16,435.04	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012189 - 012208	Meetings	\$ 5,763.54	\$ 5,763.54	\$ 5,763.54	CONWR_AUS_GDOTSCOSTS_012209 - 012209; 2020OLINCOS_0043940 - 0043940
672	Shannon & Wilson	3/9/2016	30642	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,726.90	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013419 - 013419	CAA Memo	\$ 700.00	\$ 700.00	\$ 700.00	CONWR_AUS_GDOTSCOSTS_013418 - 013418
672	Shannon & Wilson	3/9/2016	30642	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,726.90	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013419 - 013419	Project Management	\$ 3,221.50	\$ 3,221.50	\$ 3,221.50	CONWR_AUS_GDOTSCOSTS_013418 - 013418
672	Shannon & Wilson	3/9/2016	30642	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,726.90	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013419 - 013419	Meetings	\$ 455.40	\$ 455.40	\$ 455.40	CONWR_AUS_GDOTSCOSTS_013418 - 013418
672	Shannon & Wilson	3/9/2016	30642	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,726.90	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013419 - 013419	GIS Maintenance	\$ 300.00	\$ 300.00	\$ 300.00	CONWR_AUS_GDOTSCOSTS_013418 - 013418
672	Shannon & Wilson	3/9/2016	30642	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,726.90	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013419 - 013419	PSA Memo	\$ 20,050.00	\$ 20,050.00	\$ 20,050.00	CONWR_AUS_GDOTSCOSTS_013418 - 013418

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Invoice														Related	
ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Amount	Payment Documentation Bates Number		
674	Shannon & Wilson	4/5/2016	30670	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 21,683.07	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012931 - 012957	GIS Maintenance	\$ 50.00	\$ 50.00	\$ 50.00	CONWR_AUS_GDOTSCOSTS_012931 - 012931		
674	Shannon & Wilson	4/5/2016	30670	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 21,683.07	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012931 - 012957	Meetings	\$ 10,061.57	\$ 10,061.57	\$ 10,061.57	CONWR_AUS_GDOTSCOSTS_012931 - 012931		
674	Shannon & Wilson	4/5/2016	30670	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 21,683.07	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012931 - 012957	Project Management	\$ 4,271.50	\$ 4,271.50	\$ 4,271.50	CONWR_AUS_GDOTSCOSTS_012931 - 012931		
674	Shannon & Wilson	4/5/2016	30670	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 21,683.07	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012931 - 012957	CAA Memo	\$ 7,300.00	\$ 7,300.00	\$ 7,300.00	CONWR_AUS_GDOTSCOSTS_012931 - 012931		
675	Shannon & Wilson	5/12/2016	30803	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 45,032.43	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012958 - 012980	CAA Memo	\$ 32,263.00	\$ 32,263.00	\$ 32,263.00	CONWR_AUS_GDOTSCOSTS_012958 - 012958		
675	Shannon & Wilson	5/12/2016	30803	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 45,032.43	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012958 - 012980	GIS Maintenance	\$ 2,750.00	\$ 2,750.00	\$ 2,750.00	CONWR_AUS_GDOTSCOSTS_012958 - 012958		
675	Shannon & Wilson	5/12/2016	30803	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 45,032.43	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012958 - 012980	Project Management	\$ 4,446.50	\$ 4,446.50	\$ 4,446.50	CONWR_AUS_GDOTSCOSTS_012958 - 012958		
675	Shannon & Wilson	5/12/2016	30803	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 45,032.43	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012958 - 012980	Meetings	\$ 5,572.93	\$ 5,572.93	\$ 5,572.93	CONWR_AUS_GDOTSCOSTS_012958 - 012958		
676	Shannon & Wilson	6/8/2016	30866	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 39,193.24	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013071 - 013096	Project Management	\$ 6,196.50	\$ 6,196.50	\$ 6,196.50	CONWR_AUS_GDOTSCOSTS_013071 - 013071		
676	Shannon & Wilson	6/8/2016	30866	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 39,193.24	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013071 - 013096	GIS Maintenance	\$ 400.00	\$ 400.00	\$ 400.00	CONWR_AUS_GDOTSCOSTS_013071 - 013071		
676	Shannon & Wilson	6/8/2016	30866	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 39,193.24	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013071 - 013096	CAA Memo	\$ 26,805.00	\$ 26,805.00	\$ 26,805.00	CONWR_AUS_GDOTSCOSTS_013071 - 013071		
676	Shannon & Wilson	6/8/2016	30866	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 39,193.24	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013071 - 013096	Meetings	\$ 5,791.74	\$ 5,791.74	\$ 5,791.74	CONWR_AUS_GDOTSCOSTS_013071 - 013071		
677	Shannon & Wilson	7/7/2016	30926	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,498.90	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012997 - 013017	Meetings	\$ 5,705.20	\$ 5,705.20	\$ 5,705.20	CONWR_AUS_GDOTSCOSTS_012996 - 012996		
677	Shannon & Wilson	7/7/2016	30926	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,498.90	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012997 - 013017	CAA Memo	\$ 17,582.50	\$ 17,582.50	\$ 17,582.50	CONWR_AUS_GDOTSCOSTS_012996 - 012996		
677	Shannon & Wilson	7/7/2016	30926	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,498.90	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012997 - 013017	Project Management	\$ 6,211.20	\$ 6,211.20	\$ 6,211.20	CONWR_AUS_GDOTSCOSTS_012996 - 012996		
678	Shannon & Wilson	8/10/2016	30990	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,928.10	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012981 - 012995	CAA Memo	\$ 17,825.00	\$ 17,825.00	\$ 17,825.00	CONWR_AUS_GDOTSCOSTS_012981 - 012981		
678	Shannon & Wilson	8/10/2016	30990	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,928.10	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012981 - 012995	Project Management	\$ 7,946.50	\$ 7,946.50	\$ 7,946.50	CONWR_AUS_GDOTSCOSTS_012981 - 012981		
678	Shannon & Wilson	8/10/2016	30990	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,928.10	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012981 - 012995	GIS Maintenance	\$ 550.00	\$ 550.00	\$ 550.00	CONWR_AUS_GDOTSCOSTS_012981 - 012981		
678	Shannon & Wilson	8/10/2016	30990	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,928.10	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_012981 - 012995	Meetings	\$ 3,606.60	\$ 3,606.60	\$ 3,606.60	CONWR_AUS_GDOTSCOSTS_012981 - 012981		
679	Shannon & Wilson	9/8/2016	31047	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,493.81	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013146 - 013169	CAA Memo	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	CONWR_AUS_GDOTSCOSTS_013145 - 013145		
679	Shannon & Wilson	9/8/2016	31047	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,493.81	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013146 - 013169	Meetings	\$ 9,922.31	\$ 9,922.31	\$ 9,922.31	CONWR_AUS_GDOTSCOSTS_013145 - 013145		
679	Shannon & Wilson	9/8/2016	31047	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,493.81	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013146 - 013169	GIS Maintenance	\$ 100.00	\$ 100.00	\$ 100.00	CONWR_AUS_GDOTSCOSTS_013145 - 013145		
679	Shannon & Wilson	9/8/2016	31047	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 29,493.81	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013146 - 013169	Project Management	\$ 4,621.50	\$ 4,621.50	\$ 4,621.50	CONWR_AUS_GDOTSCOSTS_013145 - 013145		
680	Shannon & Wilson	10/5/2016	31108	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 21,557.33	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013107 - 013124	GIS Maintenance	\$ 100.00	\$ 100.00	\$ 100.00	CONWR_AUS_GDOTSCOSTS_013106 - 013106		
680	Shannon & Wilson	10/5/2016	31108	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 21,557.33	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013107 - 013124	CAA Memo	\$ 13,150.00	\$ 13,150.00	\$ 13,150.00	CONWR_AUS_GDOTSCOSTS_013106 - 013106		
680	Shannon & Wilson	10/5/2016	31108	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 21,557.33	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013107 - 013124	Project Management	\$ 3,396.50	\$ 3,396.50	\$ 3,396.50	CONWR_AUS_GDOTSCOSTS_013106 - 013106		
680	Shannon & Wilson	10/5/2016	31108	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 21,557.33	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013107 - 013124	Meetings	\$ 4,910.83	\$ 4,910.83	\$ 4,910.83	CONWR_AUS_GDOTSCOSTS_013106 - 013106		
781	Shannon & Wilson	11/4/2016	31170	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 32,996.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013098 - 013105	GIS Maintenance	\$ 350.00	\$ 350.00	\$ 350.00	CONWR_AUS_GDOTSCOSTS_013097 - 013097		
781	Shannon & Wilson	11/4/2016	31170	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 32,996.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013098 - 013105	CAA Memo	\$ 26,050.00	\$ 26,050.00	\$ 26,050.00	CONWR_AUS_GDOTSCOSTS_013097 - 013097		
781	Shannon & Wilson	11/4/2016	31170	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 32,996.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013098 - 013105	Meetings	\$ 1,100.00	\$ 1,100.00	\$ 1,100.00	CONWR_AUS_GDOTSCOSTS_013097 - 013097		
781	Shannon & Wilson	11/4/2016	31170	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 32,996.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013098 - 013105	Project Management	\$ 5,496.50	\$ 5,496.50	\$ 5,496.50	CONWR_AUS_GDOTSCOSTS_013097 - 013097		
682	Shannon & Wilson	12/7/2016	31241	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,636.47	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013217 - 013230	Project Management	\$ 4,096.50	\$ 4,096.50	\$ 4,096.50	CONWR_AUS_GDOTSCOSTS_013216 - 013216		
682	Shannon & Wilson	12/7/2016	31241	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,636.47	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013217 - 013230	FS Report	\$ 8,550.00	\$ 8,550.00	\$ 8,550.00	CONWR_AUS_GDOTSCOSTS_013216 - 013216		
682	Shannon & Wilson	12/7/2016	31241	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,636.47	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013217 - 013230	CAA Memo	\$ 7,800.00	\$ 7,800.00	\$ 7,800.00	CONWR_AUS_GDOTSCOSTS_013216 - 013216		
682	Shannon & Wilson	12/7/2016	31241	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,636.47	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013217 - 013230	GIS Maintenance	\$ 50.00	\$ 50.00	\$ 50.00	CONWR_AUS_GDOTSCOSTS_013216 - 013216		
682	Shannon & Wilson	12/7/2016	31241	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,636.47	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013217 - 013230	Meetings	\$ 4,139.97	\$ 4,139.97	\$ 4,139.97	CONWR_AUS_GDOTSCOSTS_013216 - 013216		
683	Shannon & Wilson	1/12/2017	31297	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 37,006.63	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013187 - 013208	Meetings	\$ 4,870.13	\$ 4,870.13	\$ 4,870.13	CONWR_AUS_GDOTSCOSTS_013186 - 013186		
683	Shannon & Wilson	1/12/2017	31297	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 37,006.63	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013187 - 013208	GIS Maintenance	\$ 850.00	\$ 850.00	\$ 850.00	CONWR_AUS_GDOTSCOSTS_013186 - 013186		
683	Shannon & Wilson	1/12/2017	31297	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 37,006.63	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013187 - 013208	FS Report	\$ 27,715.00	\$ 27,715.00	\$ 27,715.00	CONWR_AUS_GDOTSCOSTS_013186 - 013186		
683	Shannon & Wilson	1/12/2017	31297	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 37,006.63	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013187 - 013208	Project Management	\$ 3,571.50	\$ 3,571.50	\$ 3,571.50	CONWR_AUS_GDOTSCOSTS_013186 - 013186		
684	Shannon & Wilson	2/8/2017	31347	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 18,691.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013209 - 013215	FS Report	\$ 16,720.00	\$ 16,720.00	\$ 16,720.00	CONWR_AUS_GDOTSCOSTS_013186 - 013186		
684	Shannon & Wilson	2/8/2017	31347	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 18,691.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013209 - 013215	Project Management	\$ 1,821.50	\$ 1,821.50	\$ 1,821.50	CONWR_AUS_GDOTSCOSTS_013186 - 013186		
684	Shannon & Wilson	2/8/2017	31347	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 18,691.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013209 - 013215	GIS Maintenance	\$ 150.00	\$ 150.00	\$ 150.00	CONWR_AUS_GDOTSCOSTS_013186 - 013186		
685	Shannon & Wilson	3/8/2017	31406	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,487.42	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013376 - 013386	Meetings	\$ 1,890.92	\$ 1,890.92	\$ 1,890.92	CONWR_AUS_GDOTSCOSTS_013375 - 013375		
685	Shannon & Wilson	3/8/2017	31406	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,487.42	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013376 - 013386	GIS Maintenance	\$ 550.00	\$ 550.00	\$ 550.00	CONWR_AUS_GDOTSCOSTS_013375 - 013375		
685	Shannon & Wilson	3/8/2017	31406	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,487.42	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013376 - 013386	FS Report	\$ 20,225.00	\$ 20,225.00	\$ 20,225.00	CONWR_AUS_GDOTSCOSTS_013375 - 013375		
685	Shannon & Wilson	3/8/2017	31406	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,487.42	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013376 - 013386	Project Management	\$ 1,821.50	\$ 1,821.50	\$ 1,821.50	CONWR_AUS_GDOTSCOSTS_013375 - 013375		
686	Shannon & Wilson	4/4/2017	31444	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 30,985.49	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013388 - 013410	Project Management	\$ 1,471.50	\$ 1,471.50	\$ 1,471.50	CONWR_AUS_GDOTSCOSTS_013387 - 013387		
686	Shannon & Wilson	4/4/2017	31444	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 30,985.49	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013388 - 013410	Meetings	\$ 6,608.99	\$ 6,608.99	\$ 6,608.99	CONWR_AUS_GDOTSCOSTS_013387 - 013387		
686	Shannon & Wilson	4/4/2017	31444	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 30,985.49	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013388 - 013410	FS Report	\$ 22,905.00	\$ 22,905.00	\$ 22,905.00	CONWR_AUS_GDOTSCOSTS_013387 - 013387		
687	Shannon & Wilson	5/11/2017	31511	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 35,737.69	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013328 - 013364	Meetings	\$ 3,651.19	\$ 3,651.19	\$ 3,651.19	CONWR_AUS_GDOTSCOSTS_013327 - 013327		
687	Shannon & Wilson	5/11/2017	31511	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 35,737.69	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013328 - 013364	Project Management	\$ 3,921.50	\$ 3,921.50	\$ 3,921.50	CONWR_AUS_GDOTSCOSTS_013327 - 013327		
687	Shannon & Wilson	5/11/2017	31511	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 35,737.69	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013328 - 013364	GIS Maintenance	\$ 300.00	\$ 300.00	\$ 300.00	CONWR_AUS_GDOTSCOSTS_013327 - 013327		
687	Shannon & Wilson	5/11/2017	31511	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 35,737.69	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013328 - 013364	FS Report	\$ 27,865.00	\$ 27,865.00	\$ 27,865.00	CONWR_AUS_GDOTSCOSTS_013327 - 013327		
688	Shannon & Wilson	6/7/2017	31553	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 30,871.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013366 - 013374	FS Report	\$ 28,525.00	\$ 28,525.00	\$ 28,525.00	CONWR_AUS_GDOTSCOSTS_013365 - 013365		
688	Shannon & Wilson	6/7/2017	31553	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 30,871.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013366 - 013374	Project Management	\$ 2,346.50	\$ 2,346.50	\$ 2,346.50	CONWR_AUS_GDOTSCOSTS_013365 - 013365		
690	Shannon & Wilson	7/3/2017	315780	42-1											

Invoice Database														
ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related		
												Amount	Payment Documentation	Bates Number
691	Shannon & Wilson	8/9/2017	31654	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 26,160.48	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013469 - 013489	Meetings	\$ 4,963.98	\$ 4,963.98	\$ 4,963.98	CONWR_AUS_GDOTSCOSTS_013468 - 013468	
691	Shannon & Wilson	8/9/2017	31654	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 26,160.48	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013469 - 013489	FS Report	\$ 17,600.00	\$ 17,600.00	\$ 17,600.00	CONWR_AUS_GDOTSCOSTS_013468 - 013468	
691	Shannon & Wilson	8/9/2017	31654	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 26,160.48	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013469 - 013489	GIS Maintenance	\$ 200.00	\$ 200.00	\$ 200.00	CONWR_AUS_GDOTSCOSTS_013468 - 013468	
691	Shannon & Wilson	8/9/2017	31654	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 26,160.48	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013469 - 013489	Project Management	\$ 3,396.50	\$ 3,396.50	\$ 3,396.50	CONWR_AUS_GDOTSCOSTS_013468 - 013468	
689	Shannon & Wilson	9/6/2017	31681	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,089.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013516 - 013522	FS Report	\$ 21,917.50	\$ 21,917.50	\$ 21,917.50	CONWR_AUS_GDOTSCOSTS_013515 - 013515	
689	Shannon & Wilson	9/6/2017	31681	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,089.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013516 - 013522	Project Management	\$ 2,171.50	\$ 2,171.50	\$ 2,171.50	CONWR_AUS_GDOTSCOSTS_013515 - 013515	
693	Shannon & Wilson	10/5/2017	31741	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,561.20	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013613 - 013629	FS Report	\$ 18,050.00	\$ 18,050.00	\$ 18,050.00	CONWR_AUS_GDOTSCOSTS_013612 - 013612	
693	Shannon & Wilson	10/5/2017	31741	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,561.20	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013613 - 013629	Meetings	\$ 4,389.70	\$ 4,389.70	\$ 4,389.70	CONWR_AUS_GDOTSCOSTS_013612 - 013612	
693	Shannon & Wilson	10/5/2017	31741	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,561.20	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013613 - 013629	Project Management	\$ 1,471.50	\$ 1,471.50	\$ 1,471.50	CONWR_AUS_GDOTSCOSTS_013612 - 013612	
693	Shannon & Wilson	10/5/2017	31741	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 24,561.20	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013613 - 013629	GIS Maintenance	\$ 650.00	\$ 650.00	\$ 650.00	CONWR_AUS_GDOTSCOSTS_013612 - 013612	
692	Shannon & Wilson	10/26/2017	31798	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 12,321.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013524 - 013529	FS Report	\$ 8,050.00	\$ 8,050.00	\$ 8,050.00	CONWR_AUS_GDOTSCOSTS_013523 - 013523	
692	Shannon & Wilson	10/26/2017	31798	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 12,321.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013524 - 013529	Project Management	\$ 4,271.50	\$ 4,271.50	\$ 4,271.50	CONWR_AUS_GDOTSCOSTS_013523 - 013523	
694	Shannon & Wilson	12/6/2017	31849	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 13,946.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013630 - 013636	Project Management	\$ 3,571.50	\$ 3,571.50	\$ 3,571.50	CONWR_AUS_GDOTSCOSTS_013612 - 013612	
694	Shannon & Wilson	12/6/2017	31849	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 13,946.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013630 - 013636	GIS Maintenance	\$ 50.00	\$ 50.00	\$ 50.00	CONWR_AUS_GDOTSCOSTS_013612 - 013612	
694	Shannon & Wilson	12/6/2017	31849	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 13,946.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013630 - 013636	FS Report	\$ 10,325.00	\$ 10,325.00	\$ 10,325.00	CONWR_AUS_GDOTSCOSTS_013612 - 013612	
695	Shannon & Wilson	1/11/2018	31900	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 12,871.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013678 - 013684	Project Management	\$ 3,746.50	\$ 3,746.50	\$ 3,746.50	CONWR_AUS_GDOTSCOSTS_013677 - 013677	
695	Shannon & Wilson	1/11/2018	31900	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 12,871.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013678 - 013684	FS Report	\$ 9,125.00	\$ 9,125.00	\$ 9,125.00	CONWR_AUS_GDOTSCOSTS_013677 - 013677	
696	Shannon & Wilson	2/10/2018	31945	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 11,671.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013671 - 013676	Project Management	\$ 4,096.50	\$ 4,096.50	\$ 4,096.50	CONWR_AUS_GDOTSCOSTS_013670 - 013670	
696	Shannon & Wilson	2/10/2018	31945	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 11,671.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013671 - 013676	Meetings	\$ 1,100.00	\$ 1,100.00	\$ 1,100.00	CONWR_AUS_GDOTSCOSTS_013670 - 013670	
696	Shannon & Wilson	2/10/2018	31945	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 11,671.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013671 - 013676	FS Report	\$ 6,475.00	\$ 6,475.00	\$ 6,475.00	CONWR_AUS_GDOTSCOSTS_013670 - 013670	
697	Shannon & Wilson	3/8/2018	32002	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 14,969.45	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013760 - 013780	FS Report	\$ 5,232.50	\$ 5,232.50	\$ 5,232.50	CONWR_AUS_GDOTSCOSTS_013759 - 013759	
697	Shannon & Wilson	3/8/2018	32002	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 14,969.45	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013760 - 013780	Meetings	\$ 6,165.45	\$ 6,165.45	\$ 6,165.45	CONWR_AUS_GDOTSCOSTS_013759 - 013759	
697	Shannon & Wilson	3/8/2018	32002	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 14,969.45	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013760 - 013780	Project Management	\$ 3,571.50	\$ 3,571.50	\$ 3,571.50	CONWR_AUS_GDOTSCOSTS_013759 - 013759	
698	Shannon & Wilson	4/3/2018	32064	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 7,576.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013781 - 013786	Project Management	\$ 2,871.50	\$ 2,871.50	\$ 2,871.50	CONWR_AUS_GDOTSCOSTS_013759 - 013759	
698	Shannon & Wilson	4/3/2018	32064	42-1-37307 (1)	GDOTS - AUS OU RI (REV) & FS	\$ 7,576.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013781 - 013786	FS Report	\$ 4,705.00	\$ 4,705.00	\$ 4,705.00	CONWR_AUS_GDOTSCOSTS_013759 - 013759	
699	Shannon & Wilson	5/16/2018	100352	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 16,294.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013788 - 013793	Project Management	\$ 1,996.50	\$ 1,996.50	\$ 1,996.50	CONWR_AUS_GDOTSCOSTS_013787 - 013787	
699	Shannon & Wilson	5/16/2018	100352	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 16,294.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013788 - 013793	FS Report	\$ 14,297.50	\$ 14,297.50	\$ 14,297.50	CONWR_AUS_GDOTSCOSTS_013787 - 013787	
700	Shannon & Wilson	6/7/2018	100684	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 21,164.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013795 - 013802	Project Management	\$ 2,521.50	\$ 2,521.50	\$ 2,521.50	CONWR_AUS_GDOTSCOSTS_013794 - 013794	
700	Shannon & Wilson	6/7/2018	100684	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 21,164.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013795 - 013802	GIS Maintenance	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	CONWR_AUS_GDOTSCOSTS_013794 - 013794	
700	Shannon & Wilson	6/7/2018	100684	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 21,164.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013795 - 013802	FS Report	\$ 17,392.50	\$ 17,392.50	\$ 17,392.50	CONWR_AUS_GDOTSCOSTS_013794 - 013794	
702	Shannon & Wilson	7/13/2018	101615	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 23,054.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013891 - 013898	FS Report	\$ 21,932.50	\$ 21,932.50	\$ 21,932.50	CONWR_AUS_GDOTSCOSTS_013890 - 013890	
702	Shannon & Wilson	7/13/2018	101615	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 23,054.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013891 - 013898	Project Management	\$ 1,121.50	\$ 1,121.50	\$ 1,121.50	CONWR_AUS_GDOTSCOSTS_013890 - 013890	
703	Shannon & Wilson	8/9/2018	102197	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 13,921.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013899 - 013906	Project Management	\$ 1,471.50	\$ 1,471.50	\$ 1,471.50	CONWR_AUS_GDOTSCOSTS_013890 - 013890	
703	Shannon & Wilson	8/9/2018	102197	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 13,921.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013899 - 013906	FS Report	\$ 12,450.00	\$ 12,450.00	\$ 12,450.00	CONWR_AUS_GDOTSCOSTS_013890 - 013890	
701	Shannon & Wilson	9/6/2018	102840	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 27,594.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013908 - 013916	Project Management	\$ 2,171.50	\$ 2,171.50	\$ 2,171.50	CONWR_AUS_GDOTSCOSTS_013907 - 013907	
701	Shannon & Wilson	9/6/2018	102840	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 27,594.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013908 - 013916	FS Report	\$ 25,422.50	\$ 25,422.50	\$ 25,422.50	CONWR_AUS_GDOTSCOSTS_013907 - 013907	
705	Shannon & Wilson	10/4/2018	103321	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 30,781.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013918 - 013927	FS Report	\$ 29,310.00	\$ 29,310.00	\$ 29,310.00	CONWR_AUS_GDOTSCOSTS_013917 - 013917	
705	Shannon & Wilson	10/4/2018	103321	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 30,781.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013918 - 013927	Project Management	\$ 1,471.50	\$ 1,471.50	\$ 1,471.50	CONWR_AUS_GDOTSCOSTS_013917 - 013917	
704	Shannon & Wilson	11/2/2018	104096	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 30,810.17	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013948 - 013963	FS Report	\$ 26,410.00	\$ 26,410.00	\$ 26,410.00	CONWR_AUS_GDOTSCOSTS_013939 - 013939	
704	Shannon & Wilson	11/2/2018	104096	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 30,810.17	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013948 - 013963	Meetings	\$ 3,103.67	\$ 3,103.67	\$ 3,103.67	CONWR_AUS_GDOTSCOSTS_013939 - 013939	
704	Shannon & Wilson	11/2/2018	104096	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 30,810.17	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013948 - 013963	Project Management	\$ 1,296.50	\$ 1,296.50	\$ 1,296.50	CONWR_AUS_GDOTSCOSTS_013939 - 013939	
706	Shannon & Wilson	12/6/2018	104748	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 16,529.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013940 - 013947	FS Report	\$ 15,407.50	\$ 15,407.50	\$ 15,407.50	CONWR_AUS_GDOTSCOSTS_013939 - 013939	
706	Shannon & Wilson	12/6/2018	104748	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 16,529.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_013940 - 013947	Project Management	\$ 1,121.5				

Invoice Database													
Nathan Invoice													
ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation Bates Number
594	Shannon & Wilson	5/9/2019	107859	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 9,871.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014024 - 014030	Meetings	\$ 1,225.00	\$ 1,225.00	\$ 1,225.00	CONWR_AUS_GDOTSCOSTS_014010 - 014010
595	Shannon & Wilson	5/30/2019	108508	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 13,996.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014031 - 014037	FS Report	\$ 13,050.00	\$ 13,050.00	\$ 13,050.00	CONWR_AUS_GDOTSCOSTS_014010 - 014010
595	Shannon & Wilson	5/30/2019	108508	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 13,996.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014031 - 014037	Project Management	\$ 946.50	\$ 946.50	\$ 946.50	CONWR_AUS_GDOTSCOSTS_014010 - 014010
596	Shannon & Wilson	7/10/2019	109185	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 14,659.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014086 - 014093	GIS Maintenance	\$ 975.00	\$ 975.00	\$ 975.00	CONWR_AUS_GDOTSCOSTS_014085 - 014085
596	Shannon & Wilson	7/10/2019	109185	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 14,659.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014086 - 014093	Meetings	\$ 650.00	\$ 650.00	\$ 650.00	CONWR_AUS_GDOTSCOSTS_014085 - 014085
596	Shannon & Wilson	7/10/2019	109185	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 14,659.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014086 - 014093	Project Management	\$ 771.50	\$ 771.50	\$ 771.50	CONWR_AUS_GDOTSCOSTS_014085 - 014085
596	Shannon & Wilson	7/10/2019	109185	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 14,659.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014086 - 014093	FS Report	\$ 12,262.50	\$ 12,262.50	\$ 12,262.50	CONWR_AUS_GDOTSCOSTS_014085 - 014085
597	Shannon & Wilson	8/7/2019	109792	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 18,901.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014061 - 014068	FS Report	\$ 17,675.00	\$ 17,675.00	\$ 17,675.00	CONWR_AUS_GDOTSCOSTS_014060 - 014060
597	Shannon & Wilson	8/7/2019	109792	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 18,901.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014061 - 014068	Meetings	\$ 455.00	\$ 455.00	\$ 455.00	CONWR_AUS_GDOTSCOSTS_014060 - 014060
597	Shannon & Wilson	8/7/2019	109792	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 18,901.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014061 - 014068	Project Management	\$ 771.50	\$ 771.50	\$ 771.50	CONWR_AUS_GDOTSCOSTS_014060 - 014060
598	Shannon & Wilson	9/11/2019	110506	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 21,024.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014069 - 014076	GIS Maintenance	\$ 350.00	\$ 350.00	\$ 350.00	CONWR_AUS_GDOTSCOSTS_014060 - 014060
598	Shannon & Wilson	9/11/2019	110506	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 21,024.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014069 - 014076	FS Report	\$ 19,727.50	\$ 19,727.50	\$ 19,727.50	CONWR_AUS_GDOTSCOSTS_014060 - 014060
598	Shannon & Wilson	9/11/2019	110506	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 21,024.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014069 - 014076	Project Management	\$ 946.50	\$ 946.50	\$ 946.50	CONWR_AUS_GDOTSCOSTS_014060 - 014060
599	Shannon & Wilson	10/7/2019	111068	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 21,854.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014077 - 014084	Project Management	\$ 246.50	\$ 246.50	\$ 246.50	CONWR_AUS_GDOTSCOSTS_014060 - 014060
599	Shannon & Wilson	10/7/2019	111068	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 21,854.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014077 - 014084	FS Report	\$ 21,477.50	\$ 21,477.50	\$ 21,477.50	CONWR_AUS_GDOTSCOSTS_014060 - 014060
599	Shannon & Wilson	10/7/2019	111068	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 21,854.00	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014077 - 014084	GIS Maintenance	\$ 130.00	\$ 130.00	\$ 130.00	CONWR_AUS_GDOTSCOSTS_014060 - 014060
600	Shannon & Wilson	11/1/2019	111707	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 17,181.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014094 - 014101	FS Report	\$ 16,760.00	\$ 16,760.00	\$ 16,760.00	CONWR_AUS_GDOTSCOSTS_014060 - 014060
600	Shannon & Wilson	11/1/2019	111707	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 17,181.50	Revised Draft RI Report & FS Tasks	CONWR_AUS_GDOTSCOSTS_014094 - 014101	Project Management	\$ 421.50	\$ 421.50	\$ 421.50	CONWR_AUS_GDOTSCOSTS_014060 - 014060
601	Shannon & Wilson	12/12/2019	112528	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 15,786.50	Revised Draft RI Report & FS Tasks	2020OLINCOS_0069305 - 0069308	FS Report	\$ 14,665.00	\$ 14,665.00	\$ 14,665.00	2020OLINCOS_0069304 - 0069304
601	Shannon & Wilson	12/12/2019	112528	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 15,786.50	Revised Draft RI Report & FS Tasks	2020OLINCOS_0069305 - 0069308	Project Management	\$ 1,121.50	\$ 1,121.50	\$ 1,121.50	2020OLINCOS_0069304 - 0069304
602	Shannon & Wilson	1/8/2020	113007	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 22,428.83	Revised Draft RI Report & FS Tasks	2020OLINCOS_0069309 - 0069311	Project Management	\$ 771.50	\$ 771.50	\$ 771.50	2020OLINCOS_0069304 - 0069304
602	Shannon & Wilson	1/8/2020	113007	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 22,428.83	Revised Draft RI Report & FS Tasks	2020OLINCOS_0069309 - 0069311	Meetings	\$ 13,764.83	\$ 13,764.83	\$ 13,764.83	2020OLINCOS_0069304 - 0069304
602	Shannon & Wilson	1/8/2020	113007	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 22,428.83	Revised Draft RI Report & FS Tasks	2020OLINCOS_0069309 - 0069311	FS Report	\$ 7,892.50	\$ 7,892.50	\$ 7,892.50	2020OLINCOS_0069304 - 0069304
603	Shannon & Wilson	2/4/2020	113449	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 24,960.60	Revised Draft RI Report & FS Tasks	2020OLINCOS_0069312 - 0069314	Project Management	\$ 3,484.00	\$ 3,484.00	\$ 3,484.00	2020OLINCOS_0069304 - 0069304
603	Shannon & Wilson	2/4/2020	113449	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 24,960.60	Revised Draft RI Report & FS Tasks	2020OLINCOS_0069312 - 0069314	Meetings	\$ 10,394.10	\$ 10,394.10	\$ 10,394.10	2020OLINCOS_0069304 - 0069304
603	Shannon & Wilson	2/4/2020	113449	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 24,960.60	Revised Draft RI Report & FS Tasks	2020OLINCOS_0069312 - 0069314	GIS Maintenance	\$ 1,170.00	\$ 1,170.00	\$ 1,170.00	2020OLINCOS_0069304 - 0069304
603	Shannon & Wilson	2/4/2020	113449	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 24,960.60	Revised Draft RI Report & FS Tasks	2020OLINCOS_0069312 - 0069314	FS Report	\$ 9,912.50	\$ 9,912.50	\$ 9,912.50	2020OLINCOS_0069304 - 0069304
604	Shannon & Wilson	3/10/2020	114112	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 23,631.50	Revised Draft RI Report & FS Tasks	2020OLINCOS_0069316 - 0069321	Project Management	\$ 71.50	\$ 71.50	\$ 71.50	2020OLINCOS_0069315 - 0069315
604	Shannon & Wilson	3/10/2020	114112	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 23,631.50	Revised Draft RI Report & FS Tasks	2020OLINCOS_0069316 - 0069321	FS Report	\$ 23,560.00	\$ 23,560.00	\$ 23,560.00	2020OLINCOS_0069315 - 0069315
605	Shannon & Wilson	4/2/2020	114523	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 17,736.50	Revised Draft RI Report & FS Tasks	GD-OTS_OLIN_LITIG_00000105 - 00000110	FS Report	\$ 15,215.00	\$ 15,215.00	\$ 15,215.00	GD-OTS_OLIN_LITIG_00000103 - 00000104
605	Shannon & Wilson	4/2/2020	114523	42137307	GDOTS - AUS OU RI (REV) & FS	\$ 17,736.50	Revised Draft RI Report & FS Tasks	GD-OTS_OLIN_LITIG_00000105 - 00000110	Project Management	\$ 2,521.50	\$ 2,521.50	\$ 2,521.50	GD-OTS_OLIN_LITIG_00000103 - 00000104
707	SunTrust	4/30/2005	[20050430]			\$ 24,600.00	[Invoice not located; Services defined from additional supporting documents.]	2020OLINCOS_0058810 - 0058892	Total Fees	\$ 24,600.00	\$ 24,600.00	\$ 24,600.00	2020OLINCOS_0058810 - 0058892
708	SunTrust	4/30/2006	[20060430]			\$ 24,333.33	[Invoice not located; Services defined from additional supporting documents.]	2020OLINCOS_0058810 - 0058892	Total Fees	\$ 24,333.33	\$ 24,333.33	\$ 24,333.33	2020OLINCOS_0058810 - 0058892
709	SunTrust	3/31/2007	[20070331]			\$ 22,333.33	[Invoice not located; Services defined from additional supporting documents.]	2020OLINCOS_0058810 - 0058892	Total Fees	\$ 22,333.33	\$ 22,333.33	\$ 22,333.33	2020OLINCOS_0058810 - 0058892
710	SunTrust	7/18/2007	Q300136 - 2nd quarter 2007			\$ 9,100.00	Charges due under letter of credit number F843088 for the period 4/1/2007 - 6/30/2007.	CONWR_AUS_GDOTSCOSTS_011748 - 011775	Periodic Commission	\$ 9,100.00	\$ 9,100.00	\$ 9,100.00	2020OLINCOS_0058810 - 0058892
711	SunTrust	10/16/2007	Q300136 - 3rd quarter 2007			\$ 9,200.00	Charges due under letter of credit number F843088 for the period 7/1/2007 - 9/30/2007.	CONWR_AUS_GDOTSCOSTS_011748 - 011775	Periodic Commission	\$ 9,200.00	\$ 9,200.00	\$ 9,200.00	2020OLINCOS_0058810 - 0058892
713	SunTrust	1/12/2009	Q300136 - 1st quarter 2008			\$ 9,100.00	Charges due under letter of credit number F843088 for the period 1/1/2008 - 3/31/2008.	CONWR_AUS_GDOTSCOSTS_011748 - 011775	Letter of Credit Fee	\$ 9,100.00	\$ 9,100.00	\$ 9,100.00	2020OLINCOS_0058810 - 0058892
714	SunTrust	1/12/2009	Q300136 - 2nd quarter 2008			\$ 9,100.00	Charges due under letter of credit number F843088 for the period 4/1/2008 - 6/30/2008.	CONWR_AUS_GDOTSCOSTS_011748 - 011775	Letter of Credit Fee	\$ 9,100.00	\$ 9,100.00	\$ 9,100.00	2020OLINCOS_0058810 - 0058892
712	SunTrust	1/12/2009	Q300136 - 4th quarter 2007			\$ 9,200.00	Charges due under letter of credit number F843088 for the period 10/1/2007 - 12/31/2007.	CONWR_AUS_GDOTSCOSTS_011748 - 011775	Letter of Credit Fee	\$ 9,200.00	\$ 9,200.00	\$ 9,200.00	2020OLINCOS_0058810 - 0058892
716	U.S. Department of the Interior	12/20/2002	[20021200]			\$ 882,959.00	Administrative Order on Consent for Remedial Investigation/Feasibility Study - Reimbursement for past costs contractor costs incurred by FWS for preparation of the PA/SI report for the AUS OU and costs incurred by IEPA	2020OLINCOS_0001674 - 0001741	Total Past Costs	\$ 882,959.00	\$ 882,959.00	\$ 882,959.00	CONWR_AUS_GDOTSCOSTS_010790 - 010792
717	U.S. Department of the Interior	2/7/2005	[FY 2003 - 20050207; Revised 20060502]			\$ 1,047,338.10	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010793 - 010846	FWS CERCLA Sitewide Nonlabor Costs Allocated to AUS OU	\$ 112,329.18	\$ 62,440.98	\$ 62,440.98	GD-OTS_OLIN_LITIG_00320967 - 00320983
717	U.S. Department of the Interior	2/7/2005	[FY 2003 - 20050207; Revised 20060502]			\$ 1,047,338.10	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010793 - 010846	FWS Indirects	\$ 159,763.44	\$ 88,808.50	\$ 88,808.50	GD-OTS_OLIN_LITIG_00320967 - 00320983
717	U.S. Department of the Interior	2/7/2005	[FY 2003 - 20050207; Revised 20060502]			\$ 1,047,338.10	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010793 - 010846	FWS CERCLA Sitewide Labor Costs Allocated to AUS OU	\$ 90,954.58	\$ 50,559.38	\$ 50,559.38	GD-OTS_OLIN_LITIG_00320967 - 00320983

Invoice Database													
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	
												Amount	Payment Documentation Bates Number
717	U.S. Department of the Interior	2/7/2005	[FY 2003 - 20050207; Revised 20060502]			\$ 1,047,338.10	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010793 - 010846	Contracts - Bureau of Reclamation (URS Group Inc.)	\$ 272,753.04	\$ 151,616.60	\$ 151,616.60	GD-OTS_OLIN_LITIG_00320967 - 00320983
717	U.S. Department of the Interior	2/7/2005	[FY 2003 - 20050207; Revised 20060502]			\$ 1,047,338.10	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010793 - 010846	Bureau of Reclamation - Labor, Travel, Miscellaneous and Interagency Agreement Costs	\$ 125,130.97	\$ 69,557.18	\$ 69,557.18	GD-OTS_OLIN_LITIG_00320967 - 00320983
717	U.S. Department of the Interior	2/7/2005	[FY 2003 - 20050207; Revised 20060502]			\$ 1,047,338.10	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010793 - 010846	Fish and Wildlife Services - Labor, Travel, Miscellaneous and Interagency Agreement Costs	\$ 286,406.89	\$ 159,206.43	\$ 159,206.43	GD-OTS_OLIN_LITIG_00320967 - 00320983
718	U.S. Department of the Interior	5/2/2006	[20060502]			\$ 114,483.75	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010851 - 010884	Total	\$ 114,483.75	\$ 114,483.75	\$ 114,483.75	CONWR_AUS_GDOTSCOSTS_010889 - 010892
719	U.S. Department of the Interior	9/21/2007	[FY 2004 - 20070515; Revised 20070921]			\$ 1,321,357.91	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010893 - 010961	Fish and Wildlife Services - Labor, Interagency Agreements, Travel and Miscellaneous Costs	\$ 449,612.21	\$ 441,423.00	\$ 441,423.00	GD-OTS_OLIN_LITIG_00320988 - 00320996
719	U.S. Department of the Interior	9/21/2007	[FY 2004 - 20070515; Revised 20070921]			\$ 1,321,357.91	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010893 - 010961	Bureau of Reclamation - Labor, Interagency Agreements, Travel and Miscellaneous Costs	\$ 215,386.22	\$ 211,463.19	\$ 211,463.19	GD-OTS_OLIN_LITIG_00320988 - 00320996
719	U.S. Department of the Interior	9/21/2007	[FY 2004 - 20070515; Revised 20070921]			\$ 1,321,357.91	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010893 - 010961	DOI Office of the Solicitor - Labor and Travel Costs	\$ 8,914.63	\$ 8,752.26	\$ 8,752.26	GD-OTS_OLIN_LITIG_00320988 - 00320996
719	U.S. Department of the Interior	9/21/2007	[FY 2004 - 20070515; Revised 20070921]			\$ 1,321,357.91	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010893 - 010961	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 148,853.38	\$ 146,142.18	\$ 146,142.18	GD-OTS_OLIN_LITIG_00320988 - 00320996
719	U.S. Department of the Interior	9/21/2007	[FY 2004 - 20070515; Revised 20070921]			\$ 1,321,357.91	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_010893 - 010961	Bureau of Reclamation - Contracts (URS Group Inc)	\$ 498,591.47	\$ 489,510.16	\$ 489,510.16	GD-OTS_OLIN_LITIG_00320988 - 00320996
720	U.S. Department of the Interior	7/22/2008	[FY 2005 - 20080722]			\$ 583,641.79	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011032 - 011095	Contractor and Other Support (Illinois EPA)	\$ 7,348.65	\$ 7,348.65	\$ 7,348.65	CONWR_AUS_GDOTSCOSTS_011096 - 011099
720	U.S. Department of the Interior	7/22/2008	[FY 2005 - 20080722]			\$ 583,641.79	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011032 - 011095	Contractor and Other Support (Defense Finance and Accounting Service)	\$ 26,484.96	\$ 26,484.96	\$ 26,484.96	CONWR_AUS_GDOTSCOSTS_011096 - 011099
720	U.S. Department of the Interior	7/22/2008	[FY 2005 - 20080722]			\$ 583,641.79	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011032 - 011095	Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)	\$ 96,953.64	\$ 96,953.64	\$ 96,953.64	CONWR_AUS_GDOTSCOSTS_011096 - 011099
720	U.S. Department of the Interior	7/22/2008	[FY 2005 - 20080722]			\$ 583,641.79	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011032 - 011095	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 141,413.13	\$ 141,413.13	\$ 141,413.13	CONWR_AUS_GDOTSCOSTS_011096 - 011099
720	U.S. Department of the Interior	7/22/2008	[FY 2005 - 20080722]			\$ 583,641.79	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011032 - 011095	DOI Office of the Solicitor - Labor and Travel Costs	\$ 10,166.86	\$ 10,166.86	\$ 10,166.86	CONWR_AUS_GDOTSCOSTS_011096 - 011099
720	U.S. Department of the Interior	7/22/2008	[FY 2005 - 20080722]			\$ 583,641.79	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011032 - 011095	Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs	\$ 52,789.88	\$ 52,789.88	\$ 52,789.88	CONWR_AUS_GDOTSCOSTS_011096 - 011099
720	U.S. Department of the Interior	7/22/2008	[FY 2005 - 20080722]			\$ 583,641.79	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011032 - 011095	Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs	\$ 141,851.43	\$ 141,851.43	\$ 141,851.43	CONWR_AUS_GDOTSCOSTS_011096 - 011099
720	U.S. Department of the Interior	7/22/2008	[FY 2005 - 20080722]			\$ 583,641.79	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011032 - 011095	Bureau of Reclamation - Contractor and Other Support Costs (US Dept. of the Treasury)	\$ 84,220.07	\$ 84,220.07	\$ 84,220.07	CONWR_AUS_GDOTSCOSTS_011096 - 011099
720	U.S. Department of the Interior	7/22/2008	[FY 2005 - 20080722]			\$ 583,641.79	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011032 - 011095	Contractor and Other Support (Department of Justice)	\$ 22,413.16	\$ 22,413.16	\$ 22,413.16	CONWR_AUS_GDOTSCOSTS_011096 - 011099
721	U.S. Department of the Interior	12/12/2008	[FY 2006 - 20081212]			\$ 713,025.19	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011100 - 011159	Bureau of Reclamation - Contractor and Other Support Costs (US Dept. of the Treasury)	\$ 1,511.17	\$ 1,510.72	\$ 1,510.72	CONWR_AUS_GDOTSCOSTS_011160 - 011161
721	U.S. Department of the Interior	12/12/2008	[FY 2006 - 20081212]			\$ 713,025.19	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011100 - 011159	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 175,696.18	\$ 175,643.47	\$ 175,643.47	CONWR_AUS_GDOTSCOSTS_011160 - 011161
721	U.S. Department of the Interior	12/12/2008	[FY 2006 - 20081212]			\$ 713,025.19	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011100 - 011159	Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)	\$ 274,166.58	\$ 274,084.33	\$ 274,084.33	CONWR_AUS_GDOTSCOSTS_011160 - 011161
721	U.S. Department of the Interior	12/12/2008	[FY 2006 - 20081212]			\$ 713,025.19	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011100 - 011159	Contractor and Other Support (Illinois EPA)	\$ 25,768.63	\$ 25,760.90	\$ 25,760.90	CONWR_AUS_GDOTSCOSTS_011160 - 011161
721	U.S. Department of the Interior	12/12/2008	[FY 2006 - 20081212]			\$ 713,025.19	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011100 - 011159	Bureau of Reclamation - Contractor and Other Support Costs (Rocky Mountain Regional CASU)	\$ 22,548.62	\$ 22,541.86	\$ 22,541.86	CONWR_AUS_GDOTSCOSTS_011160 - 011161
721	U.S. Department of the Interior	12/12/2008	[FY 2006 - 20081212]			\$ 713,025.19	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011100 - 011159	DOI Office of the Solicitor - Labor and Travel Costs	\$ 18,536.91	\$ 18,531.35	\$ 18,531.35	CONWR_AUS_GDOTSCOSTS_011160 - 011161
721	U.S. Department of the Interior	12/12/2008	[FY 2006 - 20081212]			\$ 713,025.19	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011100 - 011159	Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs	\$ 37,763.23	\$ 37,751.90	\$ 37,751.90	CONWR_AUS_GDOTSCOSTS_011160 - 011161
721	U.S. Department of the Interior	12/12/2008	[FY 2006 - 20081212]			\$ 713,025.19	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011100 - 011159	Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs	\$ 131,223.07	\$ 131,183.70	\$ 131,183.70	CONWR_AUS_GDOTSCOSTS_011160 - 011161
721	U.S. Department of the Interior	12/12/2008	[FY 2006 - 20081212]			\$ 713,025.19	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011100 - 011159	Contractor and Other Support (Defense Finance and Accounting Service)	\$ 24,531.34	\$ 24,523.98	\$ 24,523.98	CONWR_AUS_GDOTSCOSTS_011160 - 011161

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount	Payment Documentation Bates Number
Nathan Invoice	721	U.S. Department of the Interior	12/12/2008	[FY 2006 - 20081212]			\$ 713,025.19	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011100 - 011159	Bureau of Reclamation - Contractor and Other Support Costs (Rocky Mountain Regional CASU FY 2005 Adj)	\$ 1,279.46	\$ 1,279.08	\$ 1,279.08	CONWR_AUS_GDOTSCOSTS_011160 - 011161
	722	U.S. Department of the Interior	7/23/2009	[FY 2007 - 20090723]			\$ 1,123,919.08	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011162 - 011214	DOI Office of the Solicitor - Labor and Travel Costs	\$ 2,363.90	\$ 2,363.90	\$ 2,363.90	CONWR_AUS_GDOTSCOSTS_011215 - 011216
	722	U.S. Department of the Interior	7/23/2009	[FY 2007 - 20090723]			\$ 1,123,919.08	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011162 - 011214	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 179,111.77	\$ 179,111.77	\$ 179,111.77	CONWR_AUS_GDOTSCOSTS_011215 - 011216
	722	U.S. Department of the Interior	7/23/2009	[FY 2007 - 20090723]			\$ 1,123,919.08	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011162 - 011214	Bureau of Reclamation - Contractor and Other Support Costs (Rocky Mountain Regional CASU)	\$ 47,826.99	\$ 47,826.99	\$ 47,826.99	CONWR_AUS_GDOTSCOSTS_011215 - 011216
	722	U.S. Department of the Interior	7/23/2009	[FY 2007 - 20090723]			\$ 1,123,919.08	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011162 - 011214	Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)	\$ 609,369.51	\$ 609,369.51	\$ 609,369.51	CONWR_AUS_GDOTSCOSTS_011215 - 011216
	722	U.S. Department of the Interior	7/23/2009	[FY 2007 - 20090723]			\$ 1,123,919.08	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011162 - 011214	Contractor and Other Support (Illinois EPA)	\$ 101,604.90	\$ 101,604.90	\$ 101,604.90	CONWR_AUS_GDOTSCOSTS_011215 - 011216
	722	U.S. Department of the Interior	7/23/2009	[FY 2007 - 20090723]			\$ 1,123,919.08	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011162 - 011214	Bureau of Reclamation - Contractor and Other Support (Payroll Related TSC Charge)	\$ 1,554.69	\$ 1,554.69	\$ 1,554.69	CONWR_AUS_GDOTSCOSTS_011215 - 011216
	722	U.S. Department of the Interior	7/23/2009	[FY 2007 - 20090723]			\$ 1,123,919.08	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011162 - 011214	Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs	\$ 60,576.62	\$ 60,576.62	\$ 60,576.62	CONWR_AUS_GDOTSCOSTS_011215 - 011216
	722	U.S. Department of the Interior	7/23/2009	[FY 2007 - 20090723]			\$ 1,123,919.08	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011162 - 011214	Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs	\$ 121,177.52	\$ 121,177.52	\$ 121,177.52	CONWR_AUS_GDOTSCOSTS_011215 - 011216
	722	U.S. Department of the Interior	7/23/2009	[FY 2007 - 20090723]			\$ 1,123,919.08	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011162 - 011214	Contractor and Other Support (Defense Finance and Accounting Service)	\$ 333.18	\$ 333.18	\$ 333.18	CONWR_AUS_GDOTSCOSTS_011215 - 011216
	724	U.S. Department of the Interior	1/22/2010	[FY 2008 - 20100122]			\$ 1,453,838.12	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011217 - 011272	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 227,108.25	\$ 227,616.12	\$ 227,616.12	CONWR_AUS_GDOTSCOSTS_011273 - 011274
	724	U.S. Department of the Interior	1/22/2010	[FY 2008 - 20100122]			\$ 1,453,838.12	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011217 - 011272	Contractor and Other Support (Defense Finance and Accounting Service)	\$ 3,565.68	\$ 3,573.65	\$ 3,573.65	CONWR_AUS_GDOTSCOSTS_011273 - 011274
	724	U.S. Department of the Interior	1/22/2010	[FY 2008 - 20100122]			\$ 1,453,838.12	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011217 - 011272	Contractor and Other Support (Illinois EPA)	\$ 44,314.24	\$ 44,413.34	\$ 44,413.34	CONWR_AUS_GDOTSCOSTS_011273 - 011274
	724	U.S. Department of the Interior	1/22/2010	[FY 2008 - 20100122]			\$ 1,453,838.12	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011217 - 011272	Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs	\$ 43,806.98	\$ 43,904.94	\$ 43,904.94	CONWR_AUS_GDOTSCOSTS_011273 - 011274
	724	U.S. Department of the Interior	1/22/2010	[FY 2008 - 20100122]			\$ 1,453,838.12	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011217 - 011272	Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs	\$ 156,014.92	\$ 156,363.81	\$ 156,363.81	CONWR_AUS_GDOTSCOSTS_011273 - 011274
	724	U.S. Department of the Interior	1/22/2010	[FY 2008 - 20100122]			\$ 1,453,838.12	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011217 - 011272	Bureau of Reclamation - Contractor and Other Support (Technical Support Services)	\$ 35,852.38	\$ 35,932.55	\$ 35,932.55	CONWR_AUS_GDOTSCOSTS_011273 - 011274
	724	U.S. Department of the Interior	1/22/2010	[FY 2008 - 20100122]			\$ 1,453,838.12	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011217 - 011272	Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)	\$ 943,175.67	\$ 945,284.85	\$ 945,284.85	CONWR_AUS_GDOTSCOSTS_011273 - 011274
	750	U.S. Department of the Interior	3/10/2011	[20110310]			\$ 3,600,000.00	Stipulation and Agreement Regarding the Assessment and Payment of Certain Stipulated Penalties	GD-OTS_OLIN_LITIG_00000076 - 00000080	Total Amount	\$ 3,600,000.00	\$ 3,600,000.00	\$ 3,600,000.00	2020OLINCOS_0057162 - 0057162
	725	U.S. Department of the Interior	3/22/2013	[FY 2009 - 20130322]			\$ 938,223.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011275 - 011322	Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs	\$ 169,095.57	\$ 169,095.57	\$ 169,095.57	CONWR_AUS_GDOTSCOSTS_011323 - 011325
	725	U.S. Department of the Interior	3/22/2013	[FY 2009 - 20130322]			\$ 938,223.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011275 - 011322	Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs	\$ 29,328.65	\$ 29,328.65	\$ 29,328.65	CONWR_AUS_GDOTSCOSTS_011323 - 011325
	725	U.S. Department of the Interior	3/22/2013	[FY 2009 - 20130322]			\$ 938,223.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011275 - 011322	Bureau of Reclamation - Contractor and Other Support (Technical Support Services)	\$ 6,885.75	\$ 6,885.75	\$ 6,885.75	CONWR_AUS_GDOTSCOSTS_011323 - 011325
	725	U.S. Department of the Interior	3/22/2013	[FY 2009 - 20130322]			\$ 938,223.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011275 - 011322	Contractor and Other Support (Defense Finance and Accounting Service)	\$ 495.20	\$ 495.20	\$ 495.20	CONWR_AUS_GDOTSCOSTS_011323 - 011325
	725	U.S. Department of the Interior	3/22/2013	[FY 2009 - 20130322]			\$ 938,223.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011275 - 011322	Contractor and Other Support (Illinois EPA)	\$ 26,647.74	\$ 26,647.74	\$ 26,647.74	CONWR_AUS_GDOTSCOSTS_011323 - 011325
	725	U.S. Department of the Interior	3/22/2013	[FY 2009 - 20130322]			\$ 938,223.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011275 - 011322	Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)	\$ 498,907.47	\$ 498,907.47	\$ 498,907.47	CONWR_AUS_GDOTSCOSTS_011323 - 011325
	725	U.S. Department of the Interior	3/22/2013	[FY 2009 - 20130322]			\$ 938,223.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011275 - 011322	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 206,863.48	\$ 206,863.48	\$ 206,863.48	CONWR_AUS_GDOTSCOSTS_011323 - 011325
	726	U.S. Department of the Interior	10/1/2013	[FY 2010 - 20131001]			\$ 1,596,417.88	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011326 - 011371	Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs	\$ 60,093.75	\$ 60,093.75	\$ 60,093.75	CONWR_AUS_GDOTSCOSTS_011372 - 011375
	726	U.S. Department of the Interior	10/1/2013	[FY 2010 - 20131001]			\$ 1,596,417.88	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011326 - 011371	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 173,345.34	\$ 173,345.34	\$ 173,345.34	CONWR_AUS_GDOTSCOSTS_011372 - 011375
	726	U.S. Department of the Interior	10/1/2013	[FY 2010 - 20131001]			\$ 1,596,417.88	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011326 - 011371	Bureau of Reclamation - Contractor Support Costs (URS Group Inc)	\$ 1,200,836.62	\$ 1,200,836.62	\$ 1,200,836.62	CONWR_AUS_GDOTSCOSTS_011372 - 011375
	726	U.S. Department of the Interior	10/1/2013	[FY 2010 - 20131001]			\$ 1,596,417.88	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011326 - 011371	Contractor Support Costs (Illinois EPA)	\$ 42,007.69	\$ 42,007.69	\$ 42,007.69	CONWR_AUS_GDOTSCOSTS_011372 - 011375
	726	U.S. Department of the Interior	10/1/2013	[FY 2010 - 20131001]			\$ 1,596,417.88	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011326 - 011371	Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs	\$ 112,672.08	\$ 112,672.08	\$ 112,672.08	CONWR_AUS_GDOTSCOSTS_011372 - 011375

Invoice Database												
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related
												Amount Payment Documentation Bates Number
726	U.S. Department of the Interior	10/1/2013	[FY 2010 - 20131001]			\$ 1,596,417.88	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011326 - 011371	Bureau of Reclamation - Contractor Support Costs (Technical Support Services)	\$ 7,462.40	\$ 7,462.40	\$ 7,462.40 CONWR_AUS_GDOTSCOSTS_011372 - 011375
727	U.S. Department of the Interior	1/14/2014	[FY 2011 - 20140114]			\$ 915,266.20	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011376 - 011423	Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs	\$ 131,462.81	\$ 131,462.81	\$ 131,462.81 CONWR_AUS_GDOTSCOSTS_011424 - 011425
727	U.S. Department of the Interior	1/14/2014	[FY 2011 - 20140114]			\$ 915,266.20	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011376 - 011423	Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs	\$ 38,858.56	\$ 38,858.56	\$ 38,858.56 CONWR_AUS_GDOTSCOSTS_011424 - 011425
727	U.S. Department of the Interior	1/14/2014	[FY 2011 - 20140114]			\$ 915,266.20	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011376 - 011423	Contractor Support Costs (Illinois EPA)	\$ 28,305.64	\$ 28,305.64	\$ 28,305.64 CONWR_AUS_GDOTSCOSTS_011424 - 011425
727	U.S. Department of the Interior	1/14/2014	[FY 2011 - 20140114]			\$ 915,266.20	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011376 - 011423	Bureau of Reclamation - Contractor Support Costs (Technical Support Services)	\$ 4,197.60	\$ 4,197.60	\$ 4,197.60 CONWR_AUS_GDOTSCOSTS_011424 - 011425
727	U.S. Department of the Interior	1/14/2014	[FY 2011 - 20140114]			\$ 915,266.20	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011376 - 011423	Bureau of Reclamation - Contractor Support Costs (URS Group Inc)	\$ 500,613.97	\$ 500,613.97	\$ 500,613.97 CONWR_AUS_GDOTSCOSTS_011424 - 011425
727	U.S. Department of the Interior	1/14/2014	[FY 2011 - 20140114]			\$ 915,266.20	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011376 - 011423	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 211,827.62	\$ 211,827.62	\$ 211,827.62 CONWR_AUS_GDOTSCOSTS_011424 - 011425
728	U.S. Department of the Interior	10/6/2014	[FY 2012 - 20141006]			\$ 439,288.04	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011426 - 011484	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 98,880.09	\$ 98,880.09	\$ 98,880.09 CONWR_AUS_GDOTSCOSTS_011485 - 011488
728	U.S. Department of the Interior	10/6/2014	[FY 2012 - 20141006]			\$ 439,288.04	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011426 - 011484	Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs	\$ 87,984.70	\$ 87,984.70	\$ 87,984.70 CONWR_AUS_GDOTSCOSTS_011485 - 011488
728	U.S. Department of the Interior	10/6/2014	[FY 2012 - 20141006]			\$ 439,288.04	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011426 - 011484	DOI Office of the Solicitor - Labor Costs	\$ 10,027.00	\$ 10,027.00	\$ 10,027.00 CONWR_AUS_GDOTSCOSTS_011485 - 011488
728	U.S. Department of the Interior	10/6/2014	[FY 2012 - 20141006]			\$ 439,288.04	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011426 - 011484	Bureau of Reclamation - Contractor and Other Support Costs (URS Group Inc)	\$ 203,988.83	\$ 203,988.83	\$ 203,988.83 CONWR_AUS_GDOTSCOSTS_011485 - 011488
728	U.S. Department of the Interior	10/6/2014	[FY 2012 - 20141006]			\$ 439,288.04	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011426 - 011484	Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs	\$ 18,414.00	\$ 18,414.00	\$ 18,414.00 CONWR_AUS_GDOTSCOSTS_011485 - 011488
728	U.S. Department of the Interior	10/6/2014	[FY 2012 - 20141006]			\$ 439,288.04	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011426 - 011484	Contractor Support Costs (Illinois EPA)	\$ 19,993.42	\$ 19,993.42	\$ 19,993.42 CONWR_AUS_GDOTSCOSTS_011485 - 011488
715	U.S. Department of the Interior	3/26/2015	[FY 2013 - 20150326]			\$ 899,120.89	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011489 - 011563	Bureau of Reclamation - Contractor Support Costs (URS Group Inc)	\$ 56,269.12	\$ 56,269.12	\$ 56,269.12 CONWR_AUS_GDOTSCOSTS_011564 - 011567
715	U.S. Department of the Interior	3/26/2015	[FY 2013 - 20150326]			\$ 899,120.89	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011489 - 011563	Contractor Support Costs (Illinois EPA)	\$ 31,038.93	\$ 31,038.93	\$ 31,038.93 CONWR_AUS_GDOTSCOSTS_011564 - 011567
715	U.S. Department of the Interior	3/26/2015	[FY 2013 - 20150326]			\$ 899,120.89	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011489 - 011563	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 206,297.52	\$ 206,297.52	\$ 206,297.52 CONWR_AUS_GDOTSCOSTS_011564 - 011567
715	U.S. Department of the Interior	3/26/2015	[FY 2013 - 20150326]			\$ 899,120.89	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011489 - 011563	Bureau of Reclamation - Labor, Miscellaneous, Travel and CERCLA Sitewide Costs	\$ 18,079.47	\$ 18,079.47	\$ 18,079.47 CONWR_AUS_GDOTSCOSTS_011564 - 011567
715	U.S. Department of the Interior	3/26/2015	[FY 2013 - 20150326]			\$ 899,120.89	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011489 - 011563	DOI Office of the Solicitor - Labor Costs	\$ 33,498.99	\$ 33,498.99	\$ 33,498.99 CONWR_AUS_GDOTSCOSTS_011564 - 011567
715	U.S. Department of the Interior	3/26/2015	[FY 2013 - 20150326]			\$ 899,120.89	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_011489 - 011563	Fish and Wildlife Services - Labor, Travel and Miscellaneous Costs	\$ 553,936.86	\$ 553,936.86	\$ 553,936.86 CONWR_AUS_GDOTSCOSTS_011564 - 011567
729	U.S. Department of the Interior	12/16/2015	[FY 2014 - 20151216]			\$ 1,297,389.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_012089 - 012133	Fish and Wildlife Services - Miscellaneous (URS Group Inc)	\$ 583,231.59	\$ 583,231.59	\$ 583,231.59 CONWR_AUS_GDOTSCOSTS_012131 - 012133
729	U.S. Department of the Interior	12/16/2015	[FY 2014 - 20151216]			\$ 1,297,389.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_012089 - 012133	Fish and Wildlife Services - Miscellaneous (Other Costs)	\$ 174,802.32	\$ 174,802.32	\$ 174,802.32 CONWR_AUS_GDOTSCOSTS_012131 - 012133
729	U.S. Department of the Interior	12/16/2015	[FY 2014 - 20151216]			\$ 1,297,389.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_012089 - 012133	Contractor Support Costs (Illinois EPA)	\$ 1,293.74	\$ 1,293.74	\$ 1,293.74 CONWR_AUS_GDOTSCOSTS_012131 - 012133
729	U.S. Department of the Interior	12/16/2015	[FY 2014 - 20151216]			\$ 1,297,389.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_012089 - 012133	DOI Office of the Solicitor - Labor and Travel Costs	\$ 44,893.45	\$ 44,893.45	\$ 44,893.45 CONWR_AUS_GDOTSCOSTS_012131 - 012133
729	U.S. Department of the Interior	12/16/2015	[FY 2014 - 20151216]			\$ 1,297,389.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_012089 - 012133	Fish and Wildlife Services - Labor and Travel Costs	\$ 257,781.25	\$ 257,781.25	\$ 257,781.25 CONWR_AUS_GDOTSCOSTS_012131 - 012133
729	U.S. Department of the Interior	12/16/2015	[FY 2014 - 20151216]			\$ 1,297,389.87	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_012089 - 012133	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 235,387.52	\$ 235,387.52	\$ 235,387.52 CONWR_AUS_GDOTSCOSTS_012131 - 012133
731	U.S. Department of the Interior	6/13/2016	[FY 2015 - 20160613]			\$ 1,295,719.18	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013027 - 013070	DOI Office of the Solicitor - Labor and Travel Costs	\$ 58,193.51	\$ 58,193.51	\$ 58,193.51 CONWR_AUS_GDOTSCOSTS_013025 - 013026
731	U.S. Department of the Interior	6/13/2016	[FY 2015 - 20160613]			\$ 1,295,719.18	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013027 - 013070	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 393,844.58	\$ 393,844.58	\$ 393,844.58 CONWR_AUS_GDOTSCOSTS_013025 - 013026
731	U.S. Department of the Interior	6/13/2016	[FY 2015 - 20160613]			\$ 1,295,719.18	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013027 - 013070	Fish and Wildlife Services - Miscellaneous (URS Group Inc)	\$ 353,999.32	\$ 353,999.32	\$ 353,999.32 CONWR_AUS_GDOTSCOSTS_013025 - 013026
731	U.S. Department of the Interior	6/13/2016	[FY 2015 - 20160613]			\$ 1,295,719.18	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013027 - 013070	Fish and Wildlife Services - Miscellaneous (Illinois EPA)	\$ 99,067.80	\$ 99,067.80	\$ 99,067.80 CONWR_AUS_GDOTSCOSTS_013025 - 013026
731	U.S. Department of the Interior	6/13/2016	[FY 2015 - 20160613]			\$ 1,295,719.18	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013027 - 013070	Fish and Wildlife Services - Labor and Travel Costs	\$ 239,348.13	\$ 239,348.13	\$ 239,348.13 CONWR_AUS_GDOTSCOSTS_013025 - 013026

Invoice Database													
Nathan Invoice ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	Payment Documentation Bates Number
												Amount	
731	U.S. Department of the Interior	6/13/2016	[FY 2015 - 20160613]			\$ 1,295,719.18	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013027 - 013070	Fish and Wildlife Services - Miscellaneous (Other Costs)	\$ 151,265.84	\$ 151,265.84	\$ 151,265.84	CONWR_AUS_GDOTSCOSTS_013025 - 013026
732	U.S. Department of the Interior	1/26/2017	[FY 2016 - 20170126]			\$ 1,434,468.30	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013251 - 013295	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 426,011.84	\$ 426,171.16	\$ 426,171.16	CONWR_AUS_GDOTSCOSTS_013250 - 013250; CONWR_AUS_GDOTSCOSTS_013326 - 013326
732	U.S. Department of the Interior	1/26/2017	[FY 2016 - 20170126]			\$ 1,434,468.30	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013251 - 013295	Fish and Wildlife Services - Labor and Travel Costs	\$ 151,212.11	\$ 151,268.66	\$ 151,268.66	CONWR_AUS_GDOTSCOSTS_013250 - 013250; CONWR_AUS_GDOTSCOSTS_013326 - 013326
732	U.S. Department of the Interior	1/26/2017	[FY 2016 - 20170126]			\$ 1,434,468.30	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013251 - 013295	Fish and Wildlife Services - Miscellaneous (Illinois EPA)	\$ 33,203.23	\$ 33,215.65	\$ 33,215.65	CONWR_AUS_GDOTSCOSTS_013250 - 013250; CONWR_AUS_GDOTSCOSTS_013326 - 013326
732	U.S. Department of the Interior	1/26/2017	[FY 2016 - 20170126]			\$ 1,434,468.30	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013251 - 013295	Fish and Wildlife Services - Miscellaneous (Other Costs)	\$ 252,224.67	\$ 252,318.99	\$ 252,318.99	CONWR_AUS_GDOTSCOSTS_013250 - 013250; CONWR_AUS_GDOTSCOSTS_013326 - 013326
732	U.S. Department of the Interior	1/26/2017	[FY 2016 - 20170126]			\$ 1,434,468.30	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013251 - 013295	Fish and Wildlife Services - Miscellaneous (URS Group Inc)	\$ 493,304.91	\$ 493,489.39	\$ 493,489.39	CONWR_AUS_GDOTSCOSTS_013250 - 013250; CONWR_AUS_GDOTSCOSTS_013326 - 013326
732	U.S. Department of the Interior	1/26/2017	[FY 2016 - 20170126]			\$ 1,434,468.30	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013251 - 013295	DOI Office of the Solicitor - Labor and Travel Costs	\$ 78,511.54	\$ 78,540.90	\$ 78,540.90	CONWR_AUS_GDOTSCOSTS_013250 - 013250; CONWR_AUS_GDOTSCOSTS_013326 - 013326
748	U.S. Department of the Interior	5/1/2018	[FY 2017 - 20180500]			\$ 1,728,387.02	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013685 - 013726	Fish and Wildlife Services - Labor and Travel Costs	\$ 120,999.13	\$ 120,999.13	\$ 120,999.13	CONWR_AUS_GDOTSCOSTS_013928 - 013928
748	U.S. Department of the Interior	5/1/2018	[FY 2017 - 20180500]			\$ 1,728,387.02	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013685 - 013726	DOI Office of the Solicitor - Labor and Travel Costs	\$ 86,940.52	\$ 86,940.52	\$ 86,940.52	CONWR_AUS_GDOTSCOSTS_013928 - 013928
748	U.S. Department of the Interior	5/1/2018	[FY 2017 - 20180500]			\$ 1,728,387.02	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013685 - 013726	Fish and Wildlife Services - Miscellaneous (Illinois EPA)	\$ 38,196.95	\$ 38,196.95	\$ 38,196.95	CONWR_AUS_GDOTSCOSTS_013928 - 013928
748	U.S. Department of the Interior	5/1/2018	[FY 2017 - 20180500]			\$ 1,728,387.02	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013685 - 013726	Fish and Wildlife Services - Miscellaneous (Other Costs)	\$ 313,971.77	\$ 313,971.77	\$ 313,971.77	CONWR_AUS_GDOTSCOSTS_013928 - 013928
748	U.S. Department of the Interior	5/1/2018	[FY 2017 - 20180500]			\$ 1,728,387.02	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013685 - 013726	Fish and Wildlife Services - Miscellaneous (URS Group Inc)	\$ 399,770.90	\$ 399,770.90	\$ 399,770.90	CONWR_AUS_GDOTSCOSTS_013928 - 013928
748	U.S. Department of the Interior	5/1/2018	[FY 2017 - 20180500]			\$ 1,728,387.02	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013685 - 013726	Fish and Wildlife Services - Miscellaneous (DPRA Incorporated)	\$ 273,470.04	\$ 273,470.04	\$ 273,470.04	CONWR_AUS_GDOTSCOSTS_013928 - 013928
748	U.S. Department of the Interior	5/1/2018	[FY 2017 - 20180500]			\$ 1,728,387.02	Crab Orchard National Wildlife Refuge Additional and Uncharacterized Site Operable Unit	CONWR_AUS_GDOTSCOSTS_013685 - 013726	FWS CERCLA Sitewide Labor and Nonlabor Costs Allocated to AUS OU	\$ 495,037.71	\$ 495,037.71	\$ 495,037.71	CONWR_AUS_GDOTSCOSTS_013928 - 013928
749	U.S. Department of the Interior	5/4/2018	[20180504]			\$ 1,253.08	[Invoice not located; Services defined from additional supporting documents.]	2020OLINCOS_0043940 - 0043940	Total	\$ 1,253.08	\$ 1,253.08	\$ 1,253.08	CONWR_AUS_GDOTSCOSTS_013928 - 013928
733	U.S. Environmental Protection Agency	12/20/2002	[20021200]			\$ 187,586.21	Administrative Order on Consent for Remedial Investigation/Feasibility Study - Reimbursement for past response costs incurred by U.S. EPA	2020OLINCOS_0001674 - 0001741	Total Past Costs	\$ 187,586.21	\$ 187,586.21	\$ 187,586.21	CONWR_AUS_GDOTSCOSTS_011574 - 011576
734	U.S. Environmental Protection Agency	11/9/2005	[20051109]			\$ 19,980.20	Oversight past costs incurred between October 1, 2002 and December 26, 2002	GD-OTS_OLIN_LITIG_00320984 - 00320987	Total Past Costs	\$ 19,980.20	\$ 19,980.20	\$ 19,980.20	CONWR_AUS_GDOTSCOSTS_011579 - 011582
745	U.S. Environmental Protection Agency	11/9/2005	[20051109]			\$ 253,720.16	Crab Orchard oversight costs for the period October 1, 2002 through September 30, 2004	GD-OTS_OLIN_LITIG_00320984 - 00320987	Total Past Costs	\$ 253,720.16	\$ 253,720.16	\$ 253,720.16	CONWR_AUS_GDOTSCOSTS_013465 - 013467
735	U.S. Environmental Protection Agency	1/25/2007	[FY 2005/2006 - 20070125]			\$ 129,173.43	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011583 - 011595	Payroll Costs	\$ 20,517.99	\$ 20,517.99	\$ 20,517.99	CONWR_AUS_GDOTSCOSTS_011598 - 011600
735	U.S. Environmental Protection Agency	1/25/2007	[FY 2005/2006 - 20070125]			\$ 129,173.43	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011583 - 011595	Travel Costs	\$ 827.06	\$ 827.06	\$ 827.06	CONWR_AUS_GDOTSCOSTS_011598 - 011600
735	U.S. Environmental Protection Agency	1/25/2007	[FY 2005/2006 - 20070125]			\$ 129,173.43	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011583 - 011595	Oversight Contract (Techlaw, Inc.)	\$ 61,912.08	\$ 61,912.08	\$ 61,912.08	CONWR_AUS_GDOTSCOSTS_011598 - 011600
735	U.S. Environmental Protection Agency	1/25/2007	[FY 2005/2006 - 20070125]			\$ 129,173.43	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011583 - 011595	EPA Indirect Costs	\$ 45,916.30	\$ 45,916.30	\$ 45,916.30	CONWR_AUS_GDOTSCOSTS_011598 - 011600
736	U.S. Environmental Protection Agency	12/11/2007	[FY 2007 - 20071211]			\$ 185,980.74	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011603 - 011615	EPA Indirect Costs	\$ 64,082.12	\$ 64,082.12	\$ 64,082.12	CONWR_AUS_GDOTSCOSTS_011616 - 011618
736	U.S. Environmental Protection Agency	12/11/2007	[FY 2007 - 20071211]			\$ 185,980.74	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011603 - 011615	Payroll Costs	\$ 31,243.79	\$ 31,243.79	\$ 31,243.79	CONWR_AUS_GDOTSCOSTS_011616 - 011618
736	U.S. Environmental Protection Agency	12/11/2007	[FY 2007 - 20071211]			\$ 185,980.74	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011603 - 011615	Travel Costs	\$ 1,638.55	\$ 1,638.55	\$ 1,638.55	CONWR_AUS_GDOTSCOSTS_011616 - 011618
736	U.S. Environmental Protection Agency	12/11/2007	[FY 2007 - 20071211]			\$ 185,980.74	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011603 - 011615	Oversight Contract (Techlaw, Inc.)	\$ 89,016.28	\$ 89,016.28	\$ 89,016.28	CONWR_AUS_GDOTSCOSTS_011616 - 011618

Invoice Database														
Nathan Invoice	ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related	
													Amount	Payment Documentation Bates Number
	737	U.S. Environmental Protection Agency	11/3/2008	[FY 2008 - 20081103]			\$ 197,890.15	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011619 - 011633	Payroll Costs	\$ 36,482.73	\$ 36,482.73	\$ 36,482.73	CONWR_AUS_GDOTSCOSTS_011634 - 011636
	737	U.S. Environmental Protection Agency	11/3/2008	[FY 2008 - 20081103]			\$ 197,890.15	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011619 - 011633	Travel Costs	\$ 1,962.74	\$ 1,962.74	\$ 1,962.74	CONWR_AUS_GDOTSCOSTS_011634 - 011636
	737	U.S. Environmental Protection Agency	11/3/2008	[FY 2008 - 20081103]			\$ 197,890.15	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011619 - 011633	Oversight Contract (Techlaw, Inc.)	\$ 88,220.44	\$ 88,220.44	\$ 88,220.44	CONWR_AUS_GDOTSCOSTS_011634 - 011636
	737	U.S. Environmental Protection Agency	11/3/2008	[FY 2008 - 20081103]			\$ 197,890.15	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011619 - 011633	EPA Indirect Costs	\$ 71,224.24	\$ 71,224.24	\$ 71,224.24	CONWR_AUS_GDOTSCOSTS_011634 - 011636
	738	U.S. Environmental Protection Agency	12/4/2009	[FY 2009 - 20091204]			\$ 196,810.88	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011637 - 011648	EPA Indirect Costs	\$ 75,067.18	\$ 75,067.18	\$ 75,067.18	2020OLINCOS_0058810 - 0058892
	738	U.S. Environmental Protection Agency	12/4/2009	[FY 2009 - 20091204]			\$ 196,810.88	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011637 - 011648	Oversight Contract (Techlaw, Inc.)	\$ 108,744.77	\$ 108,744.77	\$ 108,744.77	2020OLINCOS_0058810 - 0058892
	738	U.S. Environmental Protection Agency	12/4/2009	[FY 2009 - 20091204]			\$ 196,810.88	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011637 - 011648	Payroll Costs	\$ 11,917.26	\$ 11,917.26	\$ 11,917.26	2020OLINCOS_0058810 - 0058892
	738	U.S. Environmental Protection Agency	12/4/2009	[FY 2009 - 20091204]			\$ 196,810.88	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011637 - 011648	Travel Costs	\$ 1,081.67	\$ 1,081.67	\$ 1,081.67	2020OLINCOS_0058810 - 0058892
	739	U.S. Environmental Protection Agency	4/6/2011	[FY 2010 - 20110406]			\$ 94,960.33	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011649 - 011659	Oversight Contract (Techlaw, Inc.)	\$ 41,163.56	\$ 41,163.56	\$ 41,163.56	CONWR_AUS_GDOTSCOSTS_011660 - 011660
	739	U.S. Environmental Protection Agency	4/6/2011	[FY 2010 - 20110406]			\$ 94,960.33	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011649 - 011659	EPA Indirect Costs	\$ 36,616.54	\$ 36,616.54	\$ 36,616.54	CONWR_AUS_GDOTSCOSTS_011660 - 011660
	739	U.S. Environmental Protection Agency	4/6/2011	[FY 2010 - 20110406]			\$ 94,960.33	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011649 - 011659	Travel Costs	\$ 698.84	\$ 698.84	\$ 698.84	CONWR_AUS_GDOTSCOSTS_011660 - 011660
	739	U.S. Environmental Protection Agency	4/6/2011	[FY 2010 - 20110406]			\$ 94,960.33	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011649 - 011659	Payroll Costs	\$ 16,481.39	\$ 16,481.39	\$ 16,481.39	CONWR_AUS_GDOTSCOSTS_011660 - 011660
	740	U.S. Environmental Protection Agency	1/27/2012	[FY 2011 - 20120127]			\$ 239,130.91	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011661 - 011671	Travel Costs	\$ 910.60	\$ 910.60	\$ 910.60	CONWR_AUS_GDOTSCOSTS_011672 - 011672
	740	U.S. Environmental Protection Agency	1/27/2012	[FY 2011 - 20120127]			\$ 239,130.91	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011661 - 011671	Payroll Costs	\$ 22,383.31	\$ 22,383.31	\$ 22,383.31	CONWR_AUS_GDOTSCOSTS_011672 - 011672
	740	U.S. Environmental Protection Agency	1/27/2012	[FY 2011 - 20120127]			\$ 239,130.91	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011661 - 011671	EPA Indirect Costs	\$ 78,909.19	\$ 78,909.19	\$ 78,909.19	CONWR_AUS_GDOTSCOSTS_011672 - 011672
	740	U.S. Environmental Protection Agency	1/27/2012	[FY 2011 - 20120127]			\$ 239,130.91	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011661 - 011671	Oversight Contract (Techlaw, Inc.)	\$ 136,927.81	\$ 136,927.81	\$ 136,927.81	CONWR_AUS_GDOTSCOSTS_011672 - 011672
	741	U.S. Environmental Protection Agency	1/18/2013	[FY 2012 - 20130118]			\$ 39,659.89	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011673 - 011683	EPA Indirect Costs	\$ 15,119.39	\$ 15,119.39	\$ 15,119.39	CONWR_AUS_GDOTSCOSTS_011684 - 011688; CONWR_AUS_GDOTSCOSTS_011689 - 011690
	741	U.S. Environmental Protection Agency	1/18/2013	[FY 2012 - 20130118]			\$ 39,659.89	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011673 - 011683	Payroll Costs	\$ 21,111.78	\$ 21,111.78	\$ 21,111.78	CONWR_AUS_GDOTSCOSTS_011684 - 011688; CONWR_AUS_GDOTSCOSTS_011689 - 011690
	741	U.S. Environmental Protection Agency	1/18/2013	[FY 2012 - 20130118]			\$ 39,659.89	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011673 - 011683	Travel Costs	\$ 962.31	\$ 962.31	\$ 962.31	CONWR_AUS_GDOTSCOSTS_011684 - 011688; CONWR_AUS_GDOTSCOSTS_011689 - 011690
	741	U.S. Environmental Protection Agency	1/18/2013	[FY 2012 - 20130118]			\$ 39,659.89	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011673 - 011683	Oversight Contract (Techlaw, Inc.)	\$ 2,466.41	\$ 2,466.41	\$ 2,466.41	CONWR_AUS_GDOTSCOSTS_011684 - 011688; CONWR_AUS_GDOTSCOSTS_011689 - 011690
	742	U.S. Environmental Protection Agency	11/22/2013	[FY 2013 - 20131122]			\$ 17,753.09	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011691 - 011700	EPA Indirect Costs	\$ 6,402.72	\$ 6,402.72	\$ 6,402.72	CONWR_AUS_GDOTSCOSTS_011701 - 011707

Invoice Database														
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742	U.S. Environmental Protection Agency	11/22/2013	[FY 2013 - 20131122]			\$ 17,753.09	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011691 - 011700	Travel Costs	\$ 654.24	\$ 654.24	\$ 654.24	CONWR_AUS_GDOTSCOSTS_011701 - 011707	
742	U.S. Environmental Protection Agency	11/22/2013	[FY 2013 - 20131122]			\$ 17,753.09	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011691 - 011700	Payroll Costs	\$ 10,696.13	\$ 10,696.13	\$ 10,696.13	CONWR_AUS_GDOTSCOSTS_011701 - 011707	
743	U.S. Environmental Protection Agency	1/28/2015	[FY 2014 - 20150128]			\$ 22,116.39	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011708 - 011718	Payroll Costs	\$ 13,925.67	\$ 13,925.67	\$ 13,925.67	CONWR_AUS_GDOTSCOSTS_011719 - 011719	
743	U.S. Environmental Protection Agency	1/28/2015	[FY 2014 - 20150128]			\$ 22,116.39	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011708 - 011718	EPA Indirect Costs	\$ 8,071.56	\$ 8,071.56	\$ 8,071.56	CONWR_AUS_GDOTSCOSTS_011719 - 011719	
743	U.S. Environmental Protection Agency	1/28/2015	[FY 2014 - 20150128]			\$ 22,116.39	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_011708 - 011718	Oversight Contract (Techlaw, Inc.)	\$ 119.16	\$ 119.16	\$ 119.16	CONWR_AUS_GDOTSCOSTS_011719 - 011719	
744	U.S. Environmental Protection Agency	1/21/2016	[FY 2015 - 20160121]			\$ 100,082.91	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_012134 - 012144	Payroll Costs	\$ 49,377.26	\$ 49,377.26	\$ 49,377.26	CONWR_AUS_GDOTSCOSTS_012145 - 012145	
744	U.S. Environmental Protection Agency	1/21/2016	[FY 2015 - 20160121]			\$ 100,082.91	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_012134 - 012144	EPA Indirect Costs	\$ 43,609.11	\$ 43,609.11	\$ 43,609.11	CONWR_AUS_GDOTSCOSTS_012145 - 012145	
744	U.S. Environmental Protection Agency	1/21/2016	[FY 2015 - 20160121]			\$ 100,082.91	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_012134 - 012144	Travel Costs	\$ 939.74	\$ 939.74	\$ 939.74	CONWR_AUS_GDOTSCOSTS_012145 - 012145	
744	U.S. Environmental Protection Agency	1/21/2016	[FY 2015 - 20160121]			\$ 100,082.91	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_012134 - 012144	Oversight Contract (Techlaw, Inc.)	\$ 6,156.80	\$ 6,156.80	\$ 6,156.80	CONWR_AUS_GDOTSCOSTS_012145 - 012145	
747	U.S. Environmental Protection Agency	1/23/2017	[FY 2016 - 20170123]			\$ 48,903.39	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_013879 - 013889	Travel Costs	\$ 419.29	\$ 419.29	\$ 419.29	CONWR_AUS_GDOTSCOSTS_013877 - 013878	
747	U.S. Environmental Protection Agency	1/23/2017	[FY 2016 - 20170123]			\$ 48,903.39	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_013879 - 013889	Payroll Costs	\$ 29,775.43	\$ 29,775.43	\$ 29,775.43	CONWR_AUS_GDOTSCOSTS_013877 - 013878	
747	U.S. Environmental Protection Agency	1/23/2017	[FY 2016 - 20170123]			\$ 48,903.39	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_013879 - 013889	EPA Indirect Costs	\$ 18,708.67	\$ 18,708.67	\$ 18,708.67	CONWR_AUS_GDOTSCOSTS_013877 - 013878	
746	U.S. Environmental Protection Agency	1/23/2018	[FY 2017 - 20180123]			\$ 49,991.54	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_013662 - 013669	EPA Indirect Costs	\$ 18,449.14	\$ 18,449.14	\$ 18,449.14	CONWR_AUS_GDOTSCOSTS_013660 - 013661	
746	U.S. Environmental Protection Agency	1/23/2018	[FY 2017 - 20180123]			\$ 49,991.54	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_013662 - 013669	Contract Costs (Techlaw, Inc.)	\$ 16,960.74	\$ 16,960.74	\$ 16,960.74	CONWR_AUS_GDOTSCOSTS_013660 - 013661	
746	U.S. Environmental Protection Agency	1/23/2018	[FY 2017 - 20180123]			\$ 49,991.54	Crab Orchard/Sangamo Dump, Marion, IL, Additional and Uncharacterized Sites Operable Unit - Oversight Activity	CONWR_AUS_GDOTSCOSTS_013662 - 013669	Payroll Costs	\$ 14,581.66	\$ 14,581.66	\$ 14,581.66	CONWR_AUS_GDOTSCOSTS_013660 - 013661	
751	US Bank	7/7/2011	[20110707]			\$ 2,777.50	Charges due under letter of credit number SLCLSTL06611 for the period 4/19/2011 - 7/1/2011.	CONWR_AUS_GDOTSCOSTS_011795 - 011803	Commission, courier fee, billing fee	\$ 2,777.50	\$ 2,777.50	\$ 2,777.50	2020OLINCOS_0058810 - 0058892	
752	US Bank	9/19/2011	[20110919]			\$ 3,475.00	Charges due under letter of credit number SLCLSTL06611 for the period 7/1/2011 - 10/1/2011.	CONWR_AUS_GDOTSCOSTS_011795 - 011803	Commission and billing fee	\$ 3,475.00	\$ 3,475.00	\$ 3,475.00	2020OLINCOS_0058810 - 0058892	
753	US Bank	12/29/2011	[20111229]			\$ 3,475.00	Charges due under letter of credit number SLCLSTL06611 for the period 10/1/2011 - 1/1/2012.	CONWR_AUS_GDOTSCOSTS_011795 - 011803	Commission and billing fee	\$ 3,475.00	\$ 3,475.00	\$ 3,475.00	2020OLINCOS_0058810 - 0058892	
754	US Bank	3/26/2012	[20120326]			\$ 265.00	Charges due under letter of credit number SLCLSTL08296 for the period 3/20/2012 - 4/1/2012.	CONWR_AUS_GDOTSCOSTS_011804 - 011813	Commission, courier fee and billing fee	\$ 265.00	\$ 265.00	\$ 265.00	2020OLINCOS_0058810 - 0058892	
755	US Bank	3/28/2012	[20120328]			\$ 3,437.50	Charges due under letter of credit number SLCLSTL06611 for the period 1/1/2012 - 4/1/2012.	CONWR_AUS_GDOTSCOSTS_011795 - 011803	Commission and billing fee	\$ 3,437.50	\$ 3,437.50	\$ 3,437.50	2020OLINCOS_0058810 - 0058892	
756	US Bank	4/30/2012	[20120430]			\$ 1,112.50	Charges due under letter of credit number SLCLSTL06611 for the period 4/1/2012 - 4/30/2012.	CONWR_AUS_GDOTSCOSTS_011795 - 011803	Commission and billing fee	\$ 1,112.50	\$ 1,112.50	\$ 1,112.50	2020OLINCOS_0058810 - 0058892	
757	US Bank	6/28/2012	[20120628]			\$ 1,731.25	Charges due under letter of credit number SLCLSTL08296 for the period 4/1/2012 - 7/1/2012.	CONWR_AUS_GDOTSCOSTS_011804 - 011813	Commission and billing fee	\$ 1,731.25	\$ 1,731.25	\$ 1,731.25	2020OLINCOS_0058810 - 0058892	
758	US Bank	9/24/2012	[20120924]			\$ 1,750.00	Charges due under letter of credit number SLCLSTL08296 for the period 7/1/2012 - 10/1/2012.	CONWR_AUS_GDOTSCOSTS_011804 - 011813	Commission and billing fee	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	2020OLINCOS_0058810 - 0058892	
759	US Bank	12/28/2012	[20121228]			\$ 1,750.00	Charges due under letter of credit number SLCLSTL08296 for the period 10/1/2012 - 1/1/2013.	CONWR_AUS_GDOTSCOSTS_011804 - 011813	Commission and billing fee	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	2020OLINCOS_0058810 - 0058892	

Invoice Database														
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ID	Vendor	Invoice Date	Invoice Number	Project Number	Project Name	Invoice Amount	Invoice Description	Invoice Bates Number	Task Name	Task Amount	Paid Amount	Related Amount		Payment Documentation Bates Number
760	US Bank	3/14/2013	[20130314]			\$ 1,712.50	Charges due under letter of credit number SLCLSTL08296 for the period 1/1/2013 - 4/1/2013.	CONWR_AUS_GDOTSCOSTS_011804 - 011813	Commission and billing fee	\$ 1,712.50	\$ 1,712.50	\$ 1,712.50	2020OLINCOS_0058810 - 0058892	
761	US Bank	4/30/2013	[20130430]			\$ 568.75	Charges due under letter of credit number SLCLSTL08296 for the period 4/1/2013 - 4/30/2013.	CONWR_AUS_GDOTSCOSTS_011804 - 011813	Commission and billing fee	\$ 568.75	\$ 568.75	\$ 568.75	2020OLINCOS_0058810 - 0058892	
762	US Bank	5/23/2014	[20140523]			\$ 4,717.50	Charges due under letter of credit number SLCLSTL09793 for the period 4/30/2013 - 4/30/2014.	CONWR_AUS_GDOTSCOSTS_011814 - 011820	Commission, admin amend fee, courier fee and billing fee	\$ 4,717.50	\$ 4,717.50	\$ 4,717.50	2020OLINCOS_0058810 - 0058892	
763	US Bank	4/22/2015	[20150422]			\$ 4,702.50	Charges due under letter of credit number SLCLSTL09793 for the period 4/30/2014 - 4/30/2015.	CONWR_AUS_GDOTSCOSTS_011814 - 011820	Commission, admin amend fee, courier fee and billing fee	\$ 4,702.50	\$ 4,702.50	\$ 4,702.50	2020OLINCOS_0058810 - 0058892	
764	USA Environmental, Inc.	9/24/2009	2020-280-01	16393	Crab Orchard National Wildlife Refuge	\$ 5,513.34	Crab Orchard Site Visit to Attend UXO Characterizations Meetings; Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization	CONWR_AUS_GDOTSCOSTS_010163 - 010176	Labor, Travel and Per Diem	\$ 5,513.34	\$ 5,513.34	\$ 5,513.34	CONWR_AUS_GDOTSCOSTS_010177 - 010177	
765	USA Environmental, Inc.	1/29/2010	2020-280-02	16393	Crab Orchard National Wildlife Refuge	\$ 35,025.39	Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization	CONWR_AUS_GDOTSCOSTS_010178 - 010216	Labor	\$ 35,025.39	\$ 35,025.39	\$ 35,025.39	CONWR_AUS_GDOTSCOSTS_010217 - 010217	
766	USA Environmental, Inc.	2/24/2010	2020-280-03	16393	Crab Orchard National Wildlife Refuge	\$ 1,958.24	Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization	CONWR_AUS_GDOTSCOSTS_010218 - 010221	Labor	\$ 1,958.24	\$ 1,958.24	\$ 1,958.24	CONWR_AUS_GDOTSCOSTS_010222 - 010222	
767	USA Environmental, Inc.	3/16/2010	2020-280-04	16393	Crab Orchard National Wildlife Refuge	\$ 1,030.91	Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization	CONWR_AUS_GDOTSCOSTS_010223 - 010225	Labor	\$ 1,030.91	\$ 1,030.91	\$ 1,030.91	CONWR_AUS_GDOTSCOSTS_010226 - 010226	
768	USA Environmental, Inc.	6/22/2010	2020-280-05	16393	Crab Orchard National Wildlife Refuge	\$ 3,744.74	Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization	CONWR_AUS_GDOTSCOSTS_010227 - 010230	Labor	\$ 3,744.74	\$ 3,744.74	\$ 3,744.74	CONWR_AUS_GDOTSCOSTS_010231 - 010231	
769	USA Environmental, Inc.	8/5/2010	2020-280-06	16393	Crab Orchard National Wildlife Refuge	\$ 10,354.41	Develop Revised Work Plan for Site 069 UXO (MEC) and Asbestos Characterization	CONWR_AUS_GDOTSCOSTS_010232 - 010243	Labor and Other Direct Costs (FedEx)	\$ 10,354.41	\$ 9,502.72	\$ 9,502.72	CONWR_AUS_GDOTSCOSTS_010244 - 010244	
770	USA Environmental, Inc.	6/6/2011	2020-280-08	16393	Crab Orchard National Wildlife Refuge	\$ 12,546.00	Crab Orchard UXO/MEC/Asbestos Mtg w/ FWS, IEDP, EPA to review workplan; Preparation of Revised UXO/MEC Asbestos workplan for Site 069	CONWR_AUS_GDOTSCOSTS_010245 - 010255	Current Billing	\$ 12,546.00	\$ 12,546.00	\$ 12,546.00	CONWR_AUS_GDOTSCOSTS_010256 - 010256	
771	USA Environmental, Inc.	9/29/2011	2020-280-09	16393	Crab Orchard National Wildlife Refuge	\$ 7,447.00	Estimate to complete revisions to Site 0069 MEC workplan	CONWR_AUS_GDOTSCOSTS_010257 - 010257	Current Billing	\$ 7,447.00	\$ 7,447.00	\$ 7,447.00	CONWR_AUS_GDOTSCOSTS_010258 - 010258	
772	USA Environmental, Inc.	2/28/2012	2020-280-10	16393	Crab Orchard National Wildlife Refuge	\$ 3,861.00	Work Plan revision 6 Env Consulting UXO (MEC) Crab Orchard	CONWR_AUS_GDOTSCOSTS_010259 - 010259	Current Billing	\$ 3,861.00	\$ 3,861.00	\$ 3,861.00	CONWR_AUS_GDOTSCOSTS_010260 - 010261	
773	USA Environmental, Inc.	5/15/2012	2020-294-01	16393	Crab Orchard National Wildlife Refuge	\$ 198,523.96	MEC/UXO Site 69 Characterization	CONWR_AUS_GDOTSCOSTS_010262 - 010435	Total	\$ 198,523.96	\$ 198,523.96	\$ 198,523.96	CONWR_AUS_GDOTSCOSTS_010436 - 010437	
775	USA Environmental, Inc.	7/13/2012	2020-294-02	16393	Crab Orchard National Wildlife Refuge	\$ 286,886.70	MEC/UXO Site 69 Characterization	CONWR_AUS_GDOTSCOSTS_010438 - 010595	Total	\$ 286,886.70	\$ 286,886.70	\$ 286,886.70	CONWR_AUS_GDOTSCOSTS_010596 - 010596	
776	USA Environmental, Inc.	8/15/2012	2020-294-03	16393	Crab Orchard National Wildlife Refuge	\$ 245,809.67	MEC/UXO Site 69 Characterization	CONWR_AUS_GDOTSCOSTS_010597 - 010777	Total	\$ 245,809.67	\$ 245,809.67	\$ 245,809.67	CONWR_AUS_GDOTSCOSTS_010778 - 010778	
777	USA Environmental, Inc.	10/22/2012	2020-294-04	16393	Crab Orchard National Wildlife Refuge	\$ 10,484.55	MEC/UXO Site 69 Characterization	CONWR_AUS_GDOTSCOSTS_010779 - 010785	Total	\$ 10,484.55	\$ 10,484.55	\$ 10,484.55	CONWR_AUS_GDOTSCOSTS_010786 - 010786	
778	USA Environmental, Inc.	6/26/2014	2020-294-05	16393	Crab Orchard National Wildlife Refuge	\$ 6,989.70	MEC/UXO Site 69 Characterization	CONWR_AUS_GDOTSCOSTS_010787 - 010788	Total	\$ 6,989.70	\$ 6,989.70	\$ 6,989.70	CONWR_AUS_GDOTSCOSTS_010789 - 010789	
779	USA Environmental, Inc.	7/20/2015	2020-294-06	16393	Crab Orchard National Wildlife Refuge	\$ 5,824.75	MEC/UXO Site 69 Characterization	CONWR_AUS_GDOTSCOSTS_011831 - 011834	Total	\$ 5,824.75	\$ 5,824.75	\$ 5,824.75	CONWR_AUS_GDOTSCOSTS_011835 - 011835	
TOTAL										\$ 57,869,166	\$ 52,820,661	\$ 51,866,665		

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX D

Documents Considered

Nathan Associates

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX D-1

List of Documents Considered

Nathan Associates

APPENDIX D-1 - DOCUMENTS CONSIDERED

(1)	CASE FILINGS
	2018.07.17 Dkt. 2302 Judge Rakoff Order (Summary Judgment re Crab Orchard).pdf
	2011-05-12 Complaint GD-OTS_OLIN_LITIG_00321065.pdf
	2011-08-26 GDOTS Answers GD-OTS_OLIN_LITIG_00321077.pdf
	2011-08-26 Schlumbergers Answers GD-OTS_OLIN_LITIG_00321097.pdf
	2012-06-01 GDOTS Counterclaims GD-OTS_OLIN_LITIG_00321136.pdf
	2012-06-01 Third Party Complaint GD-OTS_OLIN_LITIG_00321149.pdf
	2014-03-06 CD Motion GD-OTS_OLIN_LITIG_00321187.pdf
	2014-03-06 Memo Re CD GD-OTS_OLIN_LITIG_00321174.pdf
	2014-04-01 Consent Decree GD-OTS_OLIN_LITIG_00321190.pdf
	2014-04-01 Order Approving CD GD-OTS_OLIN_LITIG_00321236.pdf

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(2)	AGREEMENTS AND ORDERS
	1991-09-13 Federal Facilities Agreement 2020OLINCOS_0039430.pdf
	2002-12 AOC 2020OLINCOS_0001674.pdf
	2003-01-29 AOC w SOW Lamorak2017 00043290.pdf
	2008-12-12 MOU GD-OTS_OLIN_LITIG_01397697.pdf
	2009-12-04 Olin GDOTS Settlement 2020OLINCOS_0039526.pdf
	2018-08-30 Olin Lamorak Settlement 2020OLINCOS_0043989.pdf

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(3)	ENVIRONMENTAL DOCUMENTS
(a)	General
	1988-08 RI Report 2018OLINFACSITES_00140651.pdf
	2003-01-24 RI Scoping Template 2020OLINCOS_0047104.pdf
	2003-05 Tech Memo for HHRA 2020OLINCOS_0046686.pdf
	2003-06-24 Statistics Support Team 2020OLINCOS_0043272.pdf
	2003-07 Eco Problem Report Vol 1 2020OLINCOS_0046236.pdf
	2003-07 Eco Problem Report Vol 2 2020OLINCOS_0045763.pdf
	2003-07-14 FWS Letter re Statistics 2020OLINCOS_0043287.pdf
	2009-08 Site Characterization Report 2020OLINCOS_0048311.pdf
	2009-08 Site Characterization Report Tables 2020OLINCOS_0048664.pdf
	2015-02 BERA GD-OTS_OLIN_LITIG_01355041.pdf
	2015-02 HHRA GD-OTS_OLIN_LITIG_01375587.pdf
	2015-02-13 RI Approval 2020OLINCOS_0054174.pdf
	2015-03 RI Report (Addendum) 2020OLINCOS_0002038.pdf
	2015-03 RI Report 2020OLINCOS_0003920.pdf
	2015-03 Supp Inv MEC Asbestos 2020OLINCOS_0002956.pdf
	2015-07 RAO Memo 2020OLINCOS_0001742.pdf
	2016-02 PSA Memo 2020OLINCOS_0009281.pdf
	2018-01 EECA 2020OLINCOS_0044046.pdf
	2018-01 USFWS Fact Sheet 2020OLINCOS_0044044.pdf
	2018-10 USFWS Fact Sheet 2020OLINCOS_0044336.pdf
	CAA 2020OLINCOS_0008726 RAOs.pdf
	1999-09 Hist Search App A Vol 1 Lamorak2017 00080444.pdf
	1999-09 Hist Search App A Vol 2 Lamorak2017 00080821.pdf
	1999-09 Hist Search App A Vol 3 Lamorak2017 00081236.pdf
	1999-09 Hist Search App A Vol 4 Lamorak2017 00081434.pdf
	1999-09 Hist Search App B-E Lamorak2017 00082110.pdf
	1999-09 Hist Search Figures Lamorak2017 00081711.pdf
	1999-09 Hist Search Text Lamorak2017 00081778.pdf
	1999-09-28 Transmittal Lamorak2017 00079305.pdf
(b)	PA/SI
	2001 PA.SI Vol. 1 2020OLINCOS_0038890.pdf
	2001 PA.SI Vol. 2 2020OLINCOS_0035819.pdf
	2001 PA.SI Vol. 3 2020OLINCOS_0036384.pdf
	2001 PA.SI Vol. 4 2020OLINCOS_0036520.pdf
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	2001 PA.SI Vol. 7 2020OLINCOS_0037074.pdf
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	2001 PA.SI Vol. 10 2020OLINCOS_0038013.pdf
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	2001 PA.SI Vol. 13 2020OLINCOS_0035193.pdf
	2001 PA.SI Vol. 14 2020OLINCOS_0037760.pdf
	2003-07-07 FWS Letter 2020OLINCOS_0046646.pdf
(c)	2015-03 RI
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 GD-OTS_OLIN_LITIG_01113066.pdf
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 GD-OTS_OLIN_LITIG_01113352.pdf
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(d)**Five-Year Reviews**

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 2006 FYR 2020OLINCOS_0000683.pdf
 2011 FYR 2020OLINCOS_0000768.pdf
 2016 FYR 2020OLINCOS_0001228.pdf

(e)**FS Drafts**

2017-06 FS Pilot GD-OTS_OLIN_LITIG_00322145.pdf
 2017-08 FS Pilot GD-OTS_OLIN_LITIG_00322398.pdf
 2017-10 FS Pilot GD-OTS_OLIN_LITIG_00323924.pdf
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 2019-08 Draft FS Part 1 GD-OTS_OLIN_LITIG_01385823.pdf
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 2020-03 Draft FS OA2b Plume GD-OTS_OLIN_LITIG_01396891.pdf
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 GD-OTS_OLIN_LITIG_01396950-GD-OTS_OLIN_LITIG_01397029.pdf
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(f)**FWS Progress Reports**

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	2020OLINCOS_0043940.pdf
	2020OLINCOS_0043940.xlsx
	Future Costs 2020OLINCOS_0043987.pdf
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CONWR_AUS_GDOTSCOSTS012871.pdf
CONWR_AUS_GDOTSCOSTS012875.pdf
CONWR_AUS_GDOTSCOSTS012878.pdf
CONWR_AUS_GDOTSCOSTS012880.pdf
CONWR_AUS_GDOTSCOSTS012882.pdf

APPENDIX D-1 - DOCUMENTS CONSIDERED

CONWR_AUS_GDOTSCOSTS012884.pdf
CONWR_AUS_GDOTSCOSTS012887.pdf
CONWR_AUS_GDOTSCOSTS012894.pdf
CONWR_AUS_GDOTSCOSTS012901.pdf
CONWR_AUS_GDOTSCOSTS012907.pdf
CONWR_AUS_GDOTSCOSTS012911.pdf
CONWR_AUS_GDOTSCOSTS012919.pdf
CONWR_AUS_GDOTSCOSTS012930.pdf
CONWR_AUS_GDOTSCOSTS012931.pdf
CONWR_AUS_GDOTSCOSTS012958.pdf
CONWR_AUS_GDOTSCOSTS012981.pdf
CONWR_AUS_GDOTSCOSTS012996.pdf
CONWR_AUS_GDOTSCOSTS013018.pdf
CONWR_AUS_GDOTSCOSTS013025.pdf
CONWR_AUS_GDOTSCOSTS013071.pdf
CONWR_AUS_GDOTSCOSTS013097.pdf
CONWR_AUS_GDOTSCOSTS013106.pdf
CONWR_AUS_GDOTSCOSTS013125.pdf
CONWR_AUS_GDOTSCOSTS013145.pdf
CONWR_AUS_GDOTSCOSTS013170.pdf
CONWR_AUS_GDOTSCOSTS013185.pdf
CONWR_AUS_GDOTSCOSTS013186.pdf
CONWR_AUS_GDOTSCOSTS013216.pdf
CONWR_AUS_GDOTSCOSTS013231.pdf
CONWR_AUS_GDOTSCOSTS013250.pdf
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CONWR_AUS_GDOTSCOSTS013433.pdf
CONWR_AUS_GDOTSCOSTS013465.pdf
CONWR_AUS_GDOTSCOSTS013468.pdf
CONWR_AUS_GDOTSCOSTS013515.pdf
CONWR_AUS_GDOTSCOSTS013523.pdf
CONWR_AUS_GDOTSCOSTS013530.pdf
CONWR_AUS_GDOTSCOSTS013561.pdf
CONWR_AUS_GDOTSCOSTS013593.pdf
CONWR_AUS_GDOTSCOSTS013612.pdf
CONWR_AUS_GDOTSCOSTS013637.pdf
CONWR_AUS_GDOTSCOSTS013685.pdf
CONWR_AUS_GDOTSCOSTS013803.pdf
CONWR_AUS_GDOTSCOSTS013929.PDF
CONWR_AUS_GDOTSCOSTS013939.pdf
CONWR_AUS_GDOTSCOSTS013964.PDF
CONWR_AUS_GDOTSCOSTS014010.pdf
CONWR_AUS_GDOTSCOSTS014060.PDF
2020OLINCOS_0039217.pdf
2020OLINCOS_0039226.pdf
2020OLINCOS_0039228.pdf
2020OLINCOS_0039229.pdf

APPENDIX D-1 - DOCUMENTS CONSIDERED

2020OLINCOS_0039230.pdf
2020OLINCOS_0039231.pdf
2020OLINCOS_0039232.pdf
2020OLINCOS_0039234.pdf
2020OLINCOS_0039236.pdf
2020OLINCOS_0039243.pdf
2020OLINCOS_0039244.pdf
2020OLINCOS_0039245.pdf
2020OLINCOS_0039246.pdf
2020OLINCOS_0039248.pdf
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2020OLINCOS_0039306.pdf
2020OLINCOS_0039316.pdf
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2020OLINCOS_0039335.pdf
2020OLINCOS_0039349.pdf
2020OLINCOS_0039358.pdf
2020OLINCOS_0039430.pdf
2020OLINCOS_0039526.pdf
2020OLINCOS_0039533.pdf
2020OLINCOS_0039542.pdf
2020OLINCOS_0039544.pdf
2020OLINCOS_0039550.pdf
2020OLINCOS_0039552.pdf
2020OLINCOS_0039554.pdf
2020OLINCOS_0043272.pdf
2020OLINCOS_0043287.pdf
2020OLINCOS_0043295.pdf
2020OLINCOS_0043841.pdf
2020OLINCOS_0043987.pdf
2002-09-25 US Letter re Oversight GD-OTS_OLIN_LITIG_00321241.pdf
2005-10-27 Letter GD-OTS_OLIN_LITIG_00320967.pdf
2005-11-09 Letter GD-OTS_OLIN_LITIG_00320984.pdf
2007-10-05 Letter GD-OTS_OLIN_LITIG_00320988.pdf
2014-12-18 AUS Cost Package GD-OTS_OLIN_LITIG_00321244.pdf
2014-12-18 AUS Cost Package Revised GD-OTS_OLIN_LITIG_00321469.pdf
2015-10-05 Cost Package Cover GD-OTS_OLIN_LITIG_00321483.pdf
2016-05-16 Letter re US Response GD-OTS_OLIN_LITIG_00321484.pdf
2017-09-15 Exhibits to Mediation GD-OTS_OLIN_LITIG_00321491.pdf
2017-09-15 US Mediation GD-OTS_OLIN_LITIG_00321503.pdf
2020OLINCOS_0055583.pdf
2020OLINCOS_0055585.pdf
GD-OTS_OLIN_LITIG_00000081.pdf
GD-OTS_OLIN_LITIG_00000103.pdf
GD-OTS_OLIN_LITIG_00000118.pdf
GD-OTS_OLIN_LITIG_00000152.pdf
2018OLINFACSITES_01186049.pdf
2020OLINCOS_0000010_Redacted.pdf
2020OLINCOS_0048159.pdf
2020OLINCOS_0069304.pdf
REV_2020OLINCOS_0000002.pdf

APPENDIX D-1 - DOCUMENTS CONSIDERED

REV_2020OLINCOS_0000010.pdf	
REV_2020OLINCOS_0000024.pdf	
REV_2020OLINCOS_0000026.pdf	
REV_2020OLINCOS_0000036.pdf	
REV_2020OLINCOS_0000050.pdf	
REV_2020OLINCOS_0000058.pdf	
REV_2020OLINCOS_0000074.pdf	
REV_2020OLINCOS_0000082.pdf	
REV_2020OLINCOS_0000096.pdf	
REV_2020OLINCOS_0000098.pdf	
REV_2020OLINCOS_0000102.pdf	
REV_2020OLINCOS_0000108.pdf	
REV_2020OLINCOS_0000111.pdf	
REV_2020OLINCOS_0000119.pdf	
REV_2020OLINCOS_0000126.pdf	
REV_2020OLINCOS_0000133.pdf	
REV_2020OLINCOS_0000142.pdf	
REV_2020OLINCOS_0000149.pdf	
REV_2020OLINCOS_0000155.pdf	
REV_2020OLINCOS_0000164.pdf	
REV_2020OLINCOS_0000178.pdf	
REV_2020OLINCOS_0000184.pdf	
REV_2020OLINCOS_0000192.pdf	
REV_2020OLINCOS_0000235.pdf	
REV_2020OLINCOS_0039292.pdf	
REV_2020OLINCOS_0039311.pdf	
2020OLINCOS_0039207.pdf	
2014.04.01 CD 2020OLINCOS_0057743.pdf	
2014.04.01 Memorandum and Order 2020OLINCOS_0057620.pdf	
GD-OTS_OLIN_00000118.pdf	
GD-OTS_OLIN_LITIG_00000091.pdf	
2020OLINCOS_0049716.XLS	
2020OLINCOS_0049717.XLS	
GD-OTS_OLIN_LITIG_00007036.pdf	
GD-OTS_OLIN_LITIG_00007038.pdf	
GD-OTS_OLIN_LITIG_00007039.pdf	
GD-OTS_OLIN_LITIG_00007170.pdf	
GD-OTS_OLIN_LITIG_00007277.pdf	
GD-OTS_OLIN_LITIG_00007352.pdf	
(b)	Polsinelli E-Room Invoices
#1685794 - Redact.pdf	
#1696439 - Redact.pdf	
#1709568(2) - Redact.pdf	
#1721286 - Redact.pdf	
#1731763(2) - Redact.pdf	
2018 Legal Invoices - Redacted.pdf	
2019 Q1 Legal Invoices.pdf	
1662244 backup.pdf	
1662244.pdf	
1674014 backup.pdf	
1674014.pdf	
1685794- Backup.pdf	
1696439_backup.pdf	
1709568 Backup.pdf	
1721286_Cost_Backup_-_Olin_-_Crab_Orchard_Superfund_Site.pdf	
1731763 Backup.pdf	
1742569 with backup.pdf	

APPENDIX D-1 - DOCUMENTS CONSIDERED

1753561 with backup.pdf
1763619 - redacted with backup.pdf
1776469 - redacted with backup.pdf
CRAB ORCHARD 1Q 2019.pdf
POLSINELLI PC 1641382.pdf
POLSINELLI PC 1652329.pdf
POLSINELLI PC 1662256.pdf
POLSINELLI PC, INVOICE #1662244, \$47,463.37.pdf
POLSINELLI PC, INVOICE #1674014, \$66,829.08.pdf

APPENDIX D-1 - DOCUMENTS CONSIDERED

(5)	EXPERT REPORTS AND DEPOSITIONS
	2018-04-03 Deposition Transcript of W. Hall (Full).pdf
	2018-04-24 Deposition Transcript of Sin Senh (Cond).pdf
	2020-08-21 Deposition Transcript of D. Share.pdf
	2020-08-28 Deposition Transcript of W. Duffin.pdf
	LAMORAK Expert Report from Roux Associates.pdf
	OLIN Expert Report of Billy Hall.pdf

APPENDIX D-1 - DOCUMENTS CONSIDERED

(6)	GUIDANCE
	1988-10 Conducting RIFS Under CERCLA 2020OLINCOS_0044348.pdf
	1990-03-08 NCP and Preamble (55 FR 8666) 2020OLINCOS_0045360.pdf
	1997 Zelikson Article 2020OLINCOS_0047310.pdf
	2000-07 Developing FS Cost Estimates 2020OLINCOS_0044534.pdf
	2002-12-31 CERCLA 2020OLINCOS_0044610.pdf
	2019-07-01 40CFR300 NCP 2020OLINCOS_0044777.pdf

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(7)	REGULATORY CORRESPONDENCE
	2001-10-09 DOJ-Olin Letters Lamorak2017 00037495.pdf
	2002-03-29 Special Notice Letter 2020OLINCOS_0056618.pdf
	2002-05-13 GDOTS PPT Deck Lamorak2017 00039154.pdf
	2002-05-28 GD-OTS Ltr 2020OLINCOS_0049845.pdf
	2002-12-18 Agenda 2020OLINCOS_0047294.pdf
	2003-01-17 FWS Letter 2020OLINCOS_0047291.pdf
	2003-01-22 Newfields Letter 2020OLINCOS_0047289.pdf
	2003-02-20 Newfields Letter 2020OLINCOS_0046912.pdf
	2003-02-28 FWS Letter 2020OLINCOS_0046911.pdf
	2003-03-10 Newfields Letter 2020OLINCOS_0046906.pdf
	2003-03-19 Agenda 2020OLINCOS_0046901.pdf
	2003-03-21 Newfields Letter 2020OLINCOS_0046872.pdf
	2003-03-25 USEPA Letter 2020OLINCOS_0046867.pdf
	2003-03-27 Call Minutes 2020OLINCOS_0046858.pdf
	2003-03-27 Tetra Tech Letter 2020OLINCOS_0046856.pdf
	2003-04-02 Meeting Notes 2020OLINCOS_0046854.pdf
	2003-04-10 Email 2020OLINCOS_0046842.pdf
	2003-04-11 Newfields Letter 2020OLINCOS_0046840.pdf
	2003-06-05 USEPA Letter 2020OLINCOS_0046680.pdf
	2003-06-11 Newfields Letter 2020OLINCOS_0046677.pdf
	2003-06-19 Meeting Agenda 2020OLINCOS_0046675.pdf
	2003-06-20 IEPA Letter 2020OLINCOS_0046664.pdf
	2003-07-14 FWS Letter 2020OLINCOS_0046638.pdf
	2003-07-14 FWS Letter 2020OLINCOS_0052932.pdf
	2003-07-23 USEPA Letter 2020OLINCOS_0046637.pdf
	2003-10-01 USEPA Letter 2020OLINCOS_0045755.pdf
	2003-10-02 IEPA Letter 2020OLINCOS_0045753.pdf
	2003-10-03 FWS Letter 2020OLINCOS_0045749.pdf
	2003-10-06 FWS Letter 2020OLINCOS_0045748.pdf
	2003-10-15 USEPA Comments re RIFS Work Plan 2020OLINCOS_0045700.pdf
	2003-10-22 IEPA Comments re RIFS Workplan 2020OLINCOS_0045664.pdf
	2003-10-30 IEPA Letter 2020OLINCOS_0045662.pdf
	2003-11-04 FWS Letter 2020OLINCOS_0045659.pdf
	2003-12-06 FWS Letter 2020OLINCOS_0045654.pdf
	2015-03-13 Army Letter 2020OLINCOS_0050030.pdf
	2015-03-19 FWS Letter 2020OLINCOS_0050042.pdf
	2019-07-24 FWS Email 2020OLINCOS_0045564.pdf
	2020-03-13 USDOJ Letter GD-OTS_OLIN_LITIG_00320895.pdf
	2020-04-03 USDOJ Letter GD-OTS_OLIN_LITIG_00320900.pdf
	2020-04-16 GDOTS Letter GD-OTS_OLIN_LITIG_00320903.pdf
	2020-04-29 GDOTS Letter GD-OTS_OLIN_LITIG_00320908.pdf
	2020-04-29 GDOTS Letter GD-OTS_OLIN_LITIG_01397681.pdf
	2020-05-04 USDOJ Letter GD-OTS_OLIN_LITIG_00320918.pdf
	2020-05-07 USDOJ Letter GD-OTS_OLIN_LITIG_00000632.pdf
	2020-05-08 Latham Letter GD-OTS_OLIN_LITIG_00320921.pdf
	2020-05-12 GDOTS Letter GD-OTS_OLIN_LITIG_00320923.pdf
	2020-08-03 GDOTS Letter GD-OTS_OLIN_LITIG_01397691.pdf
	2020-08-06 USDOJ Letter GD-OTS_OLIN_LITIG_01397694.pdf
	2003-12-17 JB Letter 2020OLINCOS_0045650.pdf
	2003-12-22 JB Letter 2020OLINCOS_0045571.pdf
	2004-07-09 FWS Decision re Dispute 2020OLINCOS_0043841.pdf
	2004-08 NF Dispute Resolution Brief 2020OLINCOS_0043496.pdf
	2005-03-08 USEPA Final Determination 2020OLINCOS_0043601.pdf
	2004-02-17 Letter GD-OTS_OLIN_LITIG_00320925.pdf
	2007-08-20 Letter GD-OTS_OLIN_LITIG_00320926.pdf
	2008-04-24 Letter GD-OTS_OLIN_LITIG_00320938.pdf

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2008-09-08 Letter GD-OTS_OLIN_LITIG_00320945.pdf
2010-06-09 Letter GD-OTS_OLIN_LITIG_00320948.pdf
2010-06-17 Letter GD-OTS_OLIN_LITIG_00320950.pdf
2010-08-03 Letter GD-OTS_OLIN_LITIG_00320952.pdf
2010-08-23 Letter GD-OTS_OLIN_LITIG_00320955.pdf
2010-09-21 Letter GD-OTS_OLIN_LITIG_00320960.pdf
2010-09-30 Letter GD-OTS_OLIN_LITIG_00320964.pdf
2010-10-22 Letter GD-OTS_OLIN_LITIG_00320965.pdf
2011-03-11 Penalty Agreement GD-OTS_OLIN_LITIG_00000076.pdf

APPENDIX D-1 - DOCUMENTS CONSIDERED

(8)	INSURANCE POLICIES
	Lamorak EY 8057-011 (1.1.1970- 1.1.1973).pdf
	Lamorak EY 8057-011 (1.1.1970- 1.1.1973).pdf
	Lamorak EY 8057-012 (1.1.1970 - 1.1.1973).pdf
	Lamorak EY 8057-013 (1.1.1970 - 1.1.1973).pdf
	Lamorak 16-8057-001 (10.8.1962 - 1.1.1966).pdf
	London CU1035 2017OLINREMAND_00003689.pdf
	London K66571 2017OLINREMAND_00002785.pdf
	Lamorak 16-8057-004 (1.1.1969 - 1.1.1972).pdf
	London FNJ204675YB 2017OLINREMAND_00005212.pdf

APPENDIX D-1 - DOCUMENTS CONSIDERED	
(9)	MEDIATION-RELATED DOCUMENTS
	2015-08-06 JPP 2020OLINCOS_0042827
	2015.10.05 Latham Ltr re Costs 2020OLINCOS_0058810.pdf
	2019.08.30 Polsinelli Ltr re Olin Alloc. 2020OLINCOS_0049875.pdf
	Olin Brief 2020OLINCOS_0043882.pdf
	Olin Paper re 2 Acre Exp 2020OLINCOS_0050643.pdf

APPENDIX D-1 - DOCUMENTS CONSIDERED

(10)	REGULATORY WEBSITES
	EPA Webpage - Cleanup Activities 2020OLINCOS_0044031.pdf
	EPA Webpage - Cleanup Progress 2020OLINCOS_0044035.pdf
	EPA Webpage - Operable Units 2020OLINCOS_0044040.pdf
	USFWS Logo 2020OLINCOS_0044335.pdf
	USFWS Website - AUS 2020OLINCOS_0044338.pdf
	USFWS Website - Community Involvement 2020OLINCOS_0044342.pdf
	USFWS Website - History 2020OLINCOS_0044345.pdf

APPENDIX D-1 - DOCUMENTS CONSIDERED

(11)	PUBLICLY AVAILABLE DOCUMENTS
	Cleanup Accomplishments and the Challenges Ahead. Available at: http://www.acec.org/default/assets/File/Superfund_2017_FINAL.pdf
	Superfund: Times to Complete the Assessment and Cleanup of Hazardous Waste Sites. GAO/RCED-97-20. Available at: https://www.gao.gov/assets/230/224057.pdf
	Supefund “mega-sites”: How American accounting rules exacerbate difficult challenges. Available at: https://www.americanbar.org/groups/environment_energy_resources/publications/trends/2016-2017/january-february-2017/superfund_mega-sites/
	Testimony of Steven C. Nadeau Partner, Environmental Practice Group Honigman Miller Schwartz and Cohn LLP Hearing on “Oversight of CERCLA Implementation” Before the House of Representatives Committee on Energy and Commerce, Subcommittee on Environment and the Economy. Available at: https://docs.house.gov/meetings/IF/IF18/20160713/105195/HHRG-114-IF18-Wstate-NadeauS-20160713.pdf

APPENDIX D-1 - DOCUMENTS CONSIDERED

(12)	APPENDICES
	CERCLA/Superfund Orientation Manual. Available at: https://semspub.epa.gov/work/HQ/132818.pdf
	Memorandum re: Enforcement First at Superfund Sites: Negotiation and Enforcement Strategies for Remedial Investigation/Feasibility Studies (RI/FS). Available at: https://www.epa.gov/sites/production/files/2013-10/documents/enf-first-rifs.pdf
	Geographic Location Adjustment, Azimuth Group, Ltd., Environmental Cost Handling Options and Solutions (ECHOS), 2006.
	ENR CCI Index values from June 2020 BEN Model Indices sheet. Available at: https://www.epa.gov/enforcement/penalty-and-financial-models
	ENR CCI Index values from USDA Prices and Indices workbook. Available at: https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/technical/econ/prices/
	Pre-1988 CCI values obtained from: https://www.enr.com/economics/historical_indices/construction_cost_annual_average

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX D-2

Gil Dunn Interview Notes

Nathan Associates

Expert Report of Jeffrey Zelikson

September 23, 2020

Appendix D-2

September 8, 2020 Interview of Gil Dunn

Participants: Maria Liu, Jerry Ronecker, Michael Wetmore, Gil Dunn, Jeffrey Zelikson, Brian Henthorn, Lauren Posin

Background

What was your historical involvement at the Site?

- Involved from 2002 until 2007/2008
- Management – Hydrogeologist lead

Cost Controls

Describe how NewFields invoices were submitted for reimbursement

- Cost estimates sent to Jenner & Block and General Dynamics for approval
- For initial AOC SOW work, went through Jenner & Block
- Once implementation phase of RI began, then went through GDOTS
- NewFields had GDOTS forms to fill out for expenses, etc.
- Someone at GDOTS approved invoices, sometimes had questions and had to meet budgets

Were there budgets or other documents that tracked costs?

- Had budgets for different tasks (work plan, field work) as well as overall work
- Billed time to different areas of the site

Describe the process for how contractor invoices (under NewFields) were submitted for review and reimbursement

- CRA invoices went to both NewFields and GDOTS

Expert Report of Jeffrey Zelikson

September 23, 2020

- GDOTS would ask NewFields if CRA invoices looked right
- Similar process for ELM/Entrix

Competitive Bidding

How was NewFields retained for Program Manager?

- Contacted in 2002 through Jenner & Block to bid to help with AUS RI/FS for AOC support
- Had competition
- Did presentation to GDOTS (Bill Duffin) and won the bid

What did NewFields do?

- Met with agencies (FWS, EPA, IEPA).
- In 2002 assisted with negotiating the Statement of Work
- Didn't have a strong Eco risk component, so Jenner & Block utilized previous relationship with ELM and brought them on. They also agreed to do lab QA/QC and contracted lab directly. ELM became Cardno Entrix.

How were individual contractors selected to implement the RI/FS?

- Put out in depth solicitation for field work and laboratory work
- Bid went out to several vendors – Brown & Caldwell, Barr, RMT, CRA
- Unit price per sample contract since scope was still under negotiation, both for field work and laboratory
- Ultimately selected CRA. Doesn't recall how they all ranked. Memory is that all were in the ballpark on price except for one. Selected after interviews.
- After agreed on scope of work with Agencies, CRA performed Phase I and Severn Trent did lab work.
- CRA was not asked to return for Phase II. Unsure how next contractor was bid (Shannon & Wilson).

Expert Report of Jeffrey Zelikson

September 23, 2020

- NewFields stayed on until 2012 when personnel transferred to Shannon & Wilson

Other

In general, any other mechanisms by which NewFields and/or GDOTS controlled costs?

- Because of enormous size, working groups including statistics working group (statisticians from regulatory agencies) to develop reasonable way to get data. The group drafted a technical memorandum, however FWS ultimately overruled the findings.
- Dispute was effort by GDOTS and NewFields to control scope (and cost) of RI/FS and prevent it from getting it out of hand – Hold it to the scope and cost as defined in the AOC SOW. Also hold it to the findings of the statistics working group.

How does AUS Operable Unit compare to typical Superfund Site?

- 32 separate areas; most were geographically distinct (some were in proximity to others). In general, it was like 32 separate mini-OUs
- Even though some were next to each other (e.g., Area 2, 11), still different sources and practices, different plumes, etc.
- He looked at it as 32 separate sites
- Many different plumes, many do not comingle.

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX D-3

Dave Trainor Interview Notes

Nathan Associates

Expert Report of Jeffrey Zelikson

September 23, 2020

Appendix D-3

September 10, 2020 Interview of Dave Trainor

Participants: Maria Liu, Justin Garbacz, Jerry Ronecker, Dylan Glenn, Dave Trainor, Jeffrey Zelikson, Brian Henthorn, Lauren Posin

Background

What was your historical involvement at the Site?

- Became project manager in 2005 after dispute resolution had concluded

Cost Controls

Describe how NewFields invoices were submitted for reimbursement

- Work breakdown structure to track and budget site-specific and non-site-specific costs
- Both for NewFields and all the subcontractors
- Built through work plan approval process with FWS
- Most tasks accomplished within budget constraints
- Invoices went to GDOTS project manager (Bill Duffin) for approval
- Dave would review subcontractor invoices for approval and then send onto Bill

Competitive Bidding

How was NewFields retained?

- NewFields was competitively bid for original job

How were individual contractors selected to implement the RI/FS?

- Bid as they came into the project

Expert Report of Jeffrey Zelikson

September 23, 2020

- At end of Phase I, did competitive bidding process. Received three bids – Geotechnology, Shannon & Wilson, and Parson Engineering for Phase II field work. Did interviews to make a selection – Shannon & Wilson won the bid
- ELM/Entrix/Cardno has done lab work throughout the project. Hired based on existing relationships. Certain specific laboratories were not competitively bid if there were few to no alternatives. TestAmerica did most of the lab work via competitive bidding. Approximately 40% of ELM/Entrix/Cardno costs were lab related.
- MEC work was also competitively bid, and USA Environmental was one of two respondents

How was Shannon & Wilson retained for Phase II Program Manager?

- NewFields group joined Shannon & Wilson in 2013 and GDOTS decided to continue the project management work with the personnel now at Shannon & Wilson.

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX E

Prior Expert Testimony

Nathan Associates

JEFFREY ZELIKSON

Rule 26(a)(2)(B)—Disclosure of Deposition/Trial Testimony

Date	Court	Name of Case	Type	Attorneys	Deposition or Trial
1. 5/96	U.S. District Court, Northern District at San Jose	<u>Siemens Components, Inc.</u> v. Litton Systems, Inc., et al.	Superfund Cost Recovery	Latham & Watkins	D
2. 10/96	District Court of Iowa in and for Clinton County	<u>Interstate Power Co.</u> v. American Home Insurance Company, et al.	Insurance Recovery	Swidler & Berlin	D
3. 10/96	U.S. District Court for the Eastern District of California	<u>United States</u> v. Iron Mountain Mine, Inc.; T.W. Arman; and Rhone-Poulenc Basic Chemicals Company, Inc.	Superfund Cost Recovery	U.S. Department of Justice	D
4. 4/97	U.S. District Court for the Northern District of Alabama, Southern Division	<u>Southern Company Services, Inc.</u> v. Catalytic, Inc., et al.	Superfund Cost Recovery	Kilpatrick, Stockton, LLP	T
5.	California Superior Court, Los Angeles County at Los Angeles	<u>ITT Corporation</u> v. Pacific Indemnity, et al.	Insurance Recovery	Zevnik, Horton, Guibord & McGovern	D
6.	U.S. District Court Western District of Washington at Seattle	<u>City of Seattle</u> v. City of Kent, et al.	Superfund Cost Recovery	City Attorney's Office, Seattle	D
7.	U.S. District Court for the Eastern District of California at Sacramento	<u>Lincoln Properties, Ltd</u> v. Higgins, et al.	Reasonableness of Oversight Costs	Barger & Wolen	D
8.	Superior Court for the State of California for the County of Los Angeles	<u>Southern Pacific Rail Corp.</u> v. Certain Underwriters at Lloyd's, et al.	Insurance Recovery	Troop Steuber Pasich Reddick & Tobey, LLP	D
9. 4/99	U.S. District Court for the Northern District of California	<u>A.O. Smith</u> v. Rheem Manufacturing Co.	Superfund Cost Recovery	Jones, Day, Reavis & Pogue	D
10. 6/99	U.S. Department of Energy Board of Contract Appeals	<u>Rockwell</u> v. DOE	Contract Dispute Regarding Environmental Conduct	Chadbourne & Parke LLP	T
11. 8/99	Circuit Court of Cook County, Illinois	<u>Northern Illinois Gas</u> v. The Home Insurance Co.	Insurance Recovery	Jones, Day, Reavis & Pogue	D
12.	U.S. District Court for the District of New Jersey	<u>Chemical Leaman Tank Lines</u> v. The Aetna Casualty & Surety Company	Insurance Recovery	Willkie, Farr & Gallagher	D

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Rule 26(a)(2)(B)—Disclosure of Deposition/Trial Testimony

Date	Court	Name of Case	Type	Attorneys	Deposition or Trial
13. 11/99	Circuit Court of the Tenth Judicial Circuit, Peoria County, Illinois	<u>Central Illinois Light Company</u> v. The Home Insurance Company	Insurance Recovery	Jones, Day, Reavis & Pogue	D
14. 5/00	The Superior Court of the State of California in and for the County of San Francisco	<u>Exxon Corporation</u> v. Insurance Company of North America, et al.	Insurance Recovery	Brobeck, Phleger & Harrison	D
15. 7/01	District Court of Harris County, Texas, 80 th Judicial District	<u>Browning-Ferris Industries, Inc.</u> v. Certain Underwriters of Lloyds, et al.	Insurance Recovery	Beck, Redden & Secrest	D
16. 3/02	U.S. District Court, Central District of California	United States of America v. <u>Buena Vista Mines, Inc.</u> et al.	Superfund Cost Recovery	Crowell & Moring LLP	D
17. 6/02	U.S. District Court, Eastern District of Michigan	<u>The Dow Chemical Company</u> v. Fireman's Fund Insurance Company	Insurance Recovery	Mayer Brown Rowe & Mah	D
18. 8/02	U.S. District Court, Eastern District of California	FMC Corp. v. The Vendo Co. et al. The <u>BNSF Railway Co.</u> v. The Vendo Co. et al.	Superfund Cost Recovery	Barg Coffin Lewis & Trapp	D
19. 7/05	Kern County Superior Court of California	Tricor Refining LLC v. Crompton Corporation	Contract Dispute	Pillsbury Winthrop Shaw Pittman LLP	D
20. 8/05	Sacramento County Superior Court of California	Aerojet-General Corp. v. <u>Fidelity and Casualty Company</u> of New York	Insurance Recovery	Berkes Crane Robinson and Seal	D
21. 8/05	United States Bankruptcy Court for the Western District of Washington at Tacoma	Port of Vancouver, USA v. <u>Cadet Manufacturing Company</u>	Cost recovery	Ball Janik	D
22. 10/05	Kern County Superior Court of California	<u>Tricor Refining LLC</u> v. Crompton Corporation	Contract Dispute	Pillsbury Winthrop Shaw Pittman LLP	T
23. 12/05	United States District Court for the Southern District of Texas, Victoria Division	<u>Reynolds Metals Company</u> and Alcoa Inc. v. Whittaker Corporation	Cost Recovery	Baker Botts, LLP	D
24. 11/06	U.S. District Court, Central District of California	<u>Castaic Lake Water Agency</u> , et al. v. Whittaker Corporation, et al.	Cost Recovery	Nossaman, Guthner, Knox & Elliott LLP	D
25. 12/06	U.S. District Court, District of Nevada	<u>Basic Management Inc.</u> , et al. v. United States of America, et al.	Cost Recovery	Parsons Behle & Latimer	D

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Date	Court	Name of Case	Type	Attorneys	Deposition or Trial
26. 7/07	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> Debtor Omaha Lead Site	Cost Analysis	Baker Botts, LLP	D
27. 8/07	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> Debtor Omaha Lead Site	Cost Analysis	Baker Botts, LLP	T
28. 8/07	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> Debtor Tacoma/Everett Sites	Cost Analysis	Baker Botts, LLP	D
29. 9/07	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> Debtor Tacoma Site	Cost Analysis	Baker Botts, LLP	T
30. 8/07	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> Debtor Coeur D'Alene Site	Cost Analysis	Baker Botts, LLP	D
31. 10/07	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> Debtor Coeur D'Alene Site	Cost Analysis	Baker Botts, LLP	T
32. 11/07	U.S. District Court, Central District of California	<u>Angeles Chemical Company, Inc. v. McKesson Corporation, et al.</u>	Cost Recovery	Bingham McCutheon	D
33. 11/07	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> Debtor US International Boundary and Water Commission Site	Cost Analysis	Baker Botts, LLP	D
34. 12/07	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> Debtor East Helena/BNSF Site	Cost Analysis	Baker Botts, LLP	T
35. 12/07	U. S. District Court, Northern District of Texas, Dallas Division	<u>Aviall Services, Incorporated v. Cooper Industries, Inc.</u>	Cost Recovery	Gardere Wynne Sewell, LLP	D
36. 4/08	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> Debtor Barker – Hughsville Site	Cost Analysis	Baker Botts, LLP	D

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Date	Court	Name of Case	Type	Attorneys	Deposition or Trial
36. 4/08	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> , Debtor Barker-Hughsville Site	Cost Analysis	Baker Botts, LLP	T
37. 4/08	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> , Debtor Everett Site	Cost Analysis	Baker Botts, LLP	T
38. 7/08	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> , Debtor Manchester Site	Cost Analysis	Baker Botts, LLP	D
39. 9/08	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> Debtor Blackhawk Site	Cost Analysis	Baker Botts, LLP	D
40. 9/08	U.S. Bankruptcy Court, Southern District of Texas	<u>ASARCO,LLC</u> Debtor Blackhawk Site	Cost Analysis	Baker Botts, LLP	T
41. 6/10	U.S. District Court, Eastern District of California	<u>The City of Fresno v. The United States of America.; United States Army Corps of Engineers; The National Guard Bureau; The Boeing Company</u>	Cost Recovery	Snell & Wilner, LLP	D
42. 2/11	United States District Court for the District of Idaho	<u>Nu-West Mining, Inc. and Nu-West Industries, Inc. v. The United States of America</u>	Cost Recovery	Davis Graham & Stubbs, LLP	D
43. 2/12	United States District Court for the Eastern District of Wisconsin, Green Bay Division	<u>Appleton Papers Inc. and NCR Corporation v. George A. Whiting Paper Company, et al.</u>	Cost Recovery	Sidley Austin, LLP	D
44. 10/12	The Superior Court for the State of California in and for the County of Orange	<u>Orange County Water District v. Sabic Innovative Plastics US, LLC et al.</u>	Cost Recovery	Walsworth Franklin Bevens & McCall; Bateman Seidel Minor Blomgren Chellis & Gramm, PC; K&L Gates; Squire Sanders LLP; Richards, Watson & Gershon	D

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Date	Court	Name of Case	Type	Attorneys	Deposition or Trial
45. 10/12	United States District Court for the Eastern District of Wisconsin, Green Bay Division	<u>United States of America and State of Wisconsin v. NCR Corporation et al.</u>	Cost Recovery	Sidley Austin, LLP	D
46. 3/13	Superior Court of the State of California, County of San Diego	<u>Otay Land Company v. U.E. Limited, L.P.</u>	Cost Recovery	Lewis, Brisbois, Bisgaard & Smith, LLP	D
47. 4/14	Superior Court of the State of California, County of San Diego	<u>Otay Land Company v. U.E Limited, L.P.</u>	Cost Recovery	Lewis, Brisbois, Bisgaard & Smith, LLP	T
48. 3/15	United States District Court for the Western District of Michigan, Southern Division	<u>Georgia-Pacific Consumer Products et al. v. NCR Corporation</u>	Cost Recovery	Sidley Austin, LLP	D
49. 12/15	United States District Court for the Western District of Michigan, Southern Division	<u>Georgia-Pacific Consumer Products et al. v. NCR Corporation</u>	Cost Recovery	Sidley Austin, LLP	T
50. 6/16	United States District Court for the District of Rhode Island	<u>Emhart Industries v. New England Container et al. and the United States Air Force</u>	U.S. Government Cost Recovery	Miles & Stockbridge	D
51. 11/16	United States District Court for the Eastern District of Wisconsin, Green Bay Division	<u>NCR Corporation et al. v. George A. Whiting Paper Company et al.</u> <u>United States of America and State of Wisconsin v. NCR Corporation et al.</u>	Cost Recovery	Cravath Swaine & Moore LLP	D
52. 7/17	Superior Court of New Jersey Law Division: Essex County	<u>Hexcel Corporation vs. Allianz Underwriters Insurance Company</u>	Insurance Recovery	K&L Gates	D
53. 8/17	United States District Court for the Western District of Washington	<u>Seattle Times Company v. Leather Care, Inc.</u>	Cost recovery	Marten Law Group	D
54. 1/18	United States District Court for the Western District of Washington	<u>Seattle Times Company v. Leather Care, Inc.</u>	Cost recovery	Marten Law Group	T
55. 7/18	In The United States District Court Central District of California Western Division	<u>Occidental Research Corp. v. Curtis Tamkin</u>	Cost Recovery	Greenberg Glusker	D

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Rule 26(a)(2)(B)—Disclosure of Deposition/Trial Testimony

Date	Court	Name of Case	Type	Attorneys	Deposition or Trial
56. 4/19	Arbitration Proceeding	<u>Tetra Tech EC, Inc. v. Lower Fox River Remediation, LLC</u>	Contract Dispute	Benesch, Friendlander, Coplan & Aronoff LLP	D
57. 6/19	Arbitration Proceeding	<u>Tetra Tech EC, Inc. v. Lower Fox River Remediation, LLC</u>	Contract Dispute	Benesch, Friendlander, Coplan & Aronoff LLP	T

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June 2020

EXPERT REPORT OF JEFFREY ZELIKSON

APPENDIX F

Curriculum Vitae

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Jeffrey Zelikson
 SENIOR VICE PRESIDENT

OVERVIEW

Jeffrey Zelikson's more than 40 years of experience in environmental policy and implementation issues span the private sector, state and federal government arenas. Before joining Gnarus Advisors in February 2010, he had been engaged in private-sector consulting at LECG (from 2001) and Putnam, Hayes & Bartlett, Inc. (from 1995). He left the US Environmental Protection Agency (USEPA) in 1995 after completing a distinguished 25-year career with the Agency.

Mr. Zelikson has been involved in environmental policy, regulatory, and program development, and management and implementation of environmental programs since the initiation of such activities in the nation. He specialized in water resources issues from the early 1970s and hazardous waste site policy making and remediation activities since the discovery of the nation's first such sites in the late 1970s. His direct field and decision-making experiences at hundreds of sites has provided significant value to clients involved in matters related to disputes with government regulatory agencies, insurance coverage for environmental damage, Superfund cost recovery and contribution actions, and other environmentally-related disputes dealing with water pollution, waste management, and remediation matters. Mr. Zelikson has evaluated government response cost recovery claims and successfully critiqued and assisted in reducing such claims through negotiated settlements for his clients. Mr. Zelikson has also been involved in strategic consulting, advising clients in a variety of environmental compliance and remediation matters.

Mr. Zelikson is also using his more than 40 years of experience and expertise to provide his clients with services as an environmental mediator involving complex environmental disputes. His extensive experience as a USEPA decision maker and in complex litigation as a private sector consultant enables him to bring a unique and broad perspective to assist parties in resolution of disputes involving environmental issues and significant costs. Mr. Zelikson's unique broad perspective enables him to work effectively with all parties, including government agencies, community representatives, citizen environmental organizations, and private sector parties, to find common solutions and to mediate amongst disputing parties to resolve issues and to reduce or to narrow the scope of further litigation.

EXPERIENCE**EXPERT TESTIMONY**

Mr. Zelikson has been retained to provide expert testimony in more than 100 cases since 1995, after leaving USEPA:

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- For more than 40 private party cost-recovery actions for both plaintiffs and defendants, Mr. Zelikson has provided expert opinions and testimony on the cleanup actions' consistency with the National Contingency Plan (NCP), the adequacy of cost documentation, and the reasonableness of response actions and costs.
- Mr. Zelikson has provided expert testimony in one of the largest environmental bankruptcy case in the US. His testimony utilized probabilistic modeling and decision trees to estimate future environmental liabilities at more than 22 sites for ASARCO, LLC. The government claims in the bankruptcy exceeded \$6 billion.
- In six separate insurance recovery cases, Mr. Zelikson has provided expert opinions about the companies' compliance with state and federal environmental laws and regulations.
- Mr. Zelikson provided expert testimony in an insurance recovery case, involving the issue of prejudice based on when the insurance carriers were notified. This involved a detailed assessment of the regulatory actions affecting nine sites in the case.
- Mr. Zelikson provided expert testimony in an insurance recovery case involving more than 30 sites and a determination of remediation costs versus the costs of doing business.
- For six Fortune 500 companies' insurance recovery cases, Mr. Zelikson provided expert opinions about the reasonableness of past remediation activities and/or costs.
- Mr. Zelikson has provided expert testimony regarding the appropriateness of USEPA regulatory actions at major hazardous waste sites.
- Mr. Zelikson provided expert testimony in two separate matters supporting the reasonableness of the company's action as a government contractor in defense of a fraudulent claim brought by an ex-employee and the government and in a contract dispute with the government.
- Mr. Zelikson's extensive experience with hazardous waste site cleanup costs and decisions has also enabled him to provide valuable input to the development of future cleanup costs.

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- Mr. Zelikson has developed and managed project teams in several matters involving the production of settlement documents for use in client negotiations with their insurance carriers, with total claims exceeding \$1.5 billion.
- Mr. Zelikson has been retained to provide expert testimony involving matters related to compliance with NPDES permits for a Fortune 100 company..

SITE REMEDIATION

Mr. Zelikson has also assisted clients in developing strategic site remediation approaches and with transactions and disputes associated with major hazardous waste sites:

- For a Fortune 100 company, Mr. Zelikson developed a comprehensive strategy that identified cost drivers at major sites. He also developed a management implementation plan to achieve the company's site remediation objectives.
- For a Fortune 5 company, Mr. Zelikson provided expertise in critiquing USEPA actions and costs in a government cost-recovery action.
- For a group of insurance carriers, Mr. Zelikson provided expert analysis and testimony on the reasonableness of site oversight costs.
- For several clients, Mr. Zelikson was retained to assist in negotiations with USEPA regarding appropriate penalty amounts and actions.
- Mr. Zelikson was retained by a Fortune 100 company to assist in negotiations with another potentially responsible party (PRP) and to provide expertise in damage assessment and cost allocation.
- Mr. Zelikson was retained to advise a group of 150 parties in their negotiations with USEPA connected with a *de minimis* settlement at a major hazardous waste site.
- Mr. Zelikson was retained to assist a major corporation in the development of a negotiation strategy with USEPA regarding the appropriate remedy at a large and complex NPL site.

OTHER

- Mr. Zelikson has been the featured speaker at numerous seminars and conferences related to hazardous waste cleanup and management issues. He has also lectured at the University of California at Berkeley and Davis.

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- Mr. Zelikson has testified on several occasions before the US Congress and state legislative bodies.
- Mr. Zelikson also has extensive experience with the nation's water permit and enforcement programs. Beginning in 1971, he helped develop USEPA's initial permit program for discharges to the nation's waterways. He had direct and first-hand experience in developing permit conditions for industrial and municipal permits and issued and enforced the first such permits in the nation beginning in 1972 under the National Pollutant Discharge Elimination System (NPDES) program under the federal Water Pollution Control Amendments of 1972. From 1972 to 1975, he supervised the NPDES program for industrial dischargers for USEPA Region II. From 1975 to 1979, he served in a variety of positions with the state of New Jersey, starting as the manager of the permit and enforcement program for the state's NPDES program. He became the state's chief water resource official as the Director of the Water Resources Division. He continued to have executive level responsibility for New Jersey's NPDES program until 1979. In 1979, when Mr. Zelikson returned to USEPA, and continuing until 1983, he maintained involvement in the management of the NPDES program for USEPA as the Deputy Director of the Water and Waste Division and Deputy Director of the Environmental Services Division for USEPA Region.

PREVIOUS EXPERIENCE

Mr. Zelikson held various positions with USEPA in both San Francisco and New York and with the New Jersey Department of Environmental Protection and Esso Research and Engineering Company (now Exxon).

- Mr. Zelikson provided executive level direction for Superfund, hazardous waste compliance/enforcement/permitting, polychlorinated biphenyl (PCB) and asbestos compliance and enforcement activities, underground storage tanks (USTs), emergency response, and municipal solid waste and pollution prevention activities for USEPA's Western Region, encompassing California, Arizona, Nevada and Hawaii. He led a staff of more than 300 with a budget in excess of \$100 million/year.
- His team consistently led the nation in the percentage of Superfund sites cleaned up by private parties.
- He developed the largest and most effective program in the nation for managing cleanup activities at operating and closing military bases. This program effectively

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balanced cleanup and economic/transition issues to allow for productive nonmilitary uses of the closing bases.

- He organized and provided direction to achieve the greatest success in the nation for cleanup of a cluster of Superfund sites in Silicon Valley, California. The cleanups were carried out with a minimum of transaction costs, as well as unprecedented cooperation among USEPA, the state of California regulatory agencies, and the private companies involved.
- In USEPA's New York Regional Office, Mr. Zelikson was responsible for day-to-day management and direction of field inspection and laboratory services for air, water, and hazardous waste activities including emergency response. He also managed an effective ocean-sampling program using helicopters.
- As Director of New Jersey's Water Resources Division, Mr. Zelikson was responsible for directing a staff of 750 engaged in sewerage facilities planning and construction, water supply planning and operations, water enforcement and permitting, drinking water protection, wetlands and floodplain management activities.
- Mr. Zelikson directed the construction of more than \$3 billion in sewerage facilities, which restored water quality to New Jersey shoreline previously degraded from sewage outfalls.
- He served as spokesperson before the state legislature, media, and communities.
- Mr. Zelikson designed petrochemical facilities for the foreign affiliates of the Exxon Corp., the world's largest oil company, which included:
 - The design of product loading and blending facilities for a refinery in Argentina.
 - The design of tankage and oil recovery facilities for a refinery in Thailand.
 - On-site project management assignments in the Netherlands and in Aruba.
- For a major Southwest utility company, Mr. Zelikson assisted in negotiations and settlement of a civil penalty action with USEPA.

EDUCATION

City University of New York
B.S., Mechanical Engineering

Jeffrey Zelikson

SENIOR VICE PRESIDENT

Stevens Institute of Technology

Graduate studies in Mechanical Engineering

Professional Engineering Licenses from the States of New York and New Jersey

PREVIOUS EMPLOYMENT

LECG, LLC

Putnam, Hayes & Bartlett, Inc.

US Environmental Protection Agency (USEPA)

PUBLICATIONS

“CERCLA Quality Over CERCLA Quantity: The Sensible Path for Assessing NCP Consistency,” with Robert P. Dahlquist and Lisa A. Fitzgibbon, *Chemical Waste Litigation Reporter* (June 1997).

“The Price of Clean Drinking Water”, with Lisa Decker of Snell & Wilmer, *Environmental Law* 360 (August 2011).

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CERCLA QUALITY OVER CERCLA QUANTITY: THE SENSIBLE PATH FOR ASSESSING NCP CONSISTENCY

By: Jeffrey Zelikson, Robert P. Dahlquist** & Lisa A. Fitzgibbon****

I. Introduction

Congress enacted the Comprehensive Environmental Response, Compensation, and Liability Act ("CERCLA" or "Superfund") in the waning days of the Carter Presidency in 1980. CERCLA granted federal and state governments new authority to clean up contaminated sites and also granted private parties the right to recover any "necessary costs of response" to a release or threatened release of a hazardous substance, as long as such costs were incurred "consistent with the National Contingency Plan."¹ CERCLA shed a new light on the National Oil and Hazardous Substances Pollution Contingency Plan (or "the NCP" as acronym-loving lawyers and bureaucrats would say), thrusting it from the relatively obscure status of an oil spill regulation into the limelight of hazardous waste site cleanups and litigation. In the seventeen years that have passed since the enactment of CERCLA, the statute and the NCP have affected nearly every industrial company in America, as well as most municipalities and thousands of individuals and small businesses.

Whether cleanup costs are incurred consistent with the NCP is often a multimillion-dollar question. Failure to comply can result in a CERCLA cost recovery claim being entirely denied.² Compliance with the NCP can usually be assured by following it mechanically, as if it were a checklist. However, the NCP was never intended to be a set of inflexible rules to be applied rigidly to every contaminated site cleanup. Indeed, the NCP specifically contemplates site-specific deviations to accommodate diverse site facts. The NCP's primary goals—to achieve cost-effective, environmentally-sound, publicly-involved cleanups—allow site-specific factors to drive the cleanup process.

In this paper, we provide an overview of the various iterations of the NCP, reviewing its regulatory history and summarizing the main elements of the current (1990) NCP. We also discuss NCP-related legal issues. We conclude that some aspects of the NCP and some principles concerning compliance with

the NCP lend themselves to a bright line test. For example, while the 1990 NCP makes clear that a private party need not strictly comply with all aspects of the NCP, a private party must conduct some type of remedial action alternatives analysis and must provide some type of opportunity for public comment on proposed remedial action alternatives. However, there are many aspects of the NCP that require consideration of site-specific information are not susceptible to bright line rules. Determining whether any particular set of site-specific costs were incurred consistent with the NCP requires informed judgment and discretion within the flexible procedural framework of the NCP.

II. Overview and History of the NCP

A. The 1980 National Oil and Hazardous Substances Pollution Contingency Plan.

The NCP was initially created as a coordinating vehicle for various state and federal responses to major oil and hazardous waste spills. It was first published in 1968 and was thereafter included in the Code of Federal Regulations (CFR) in accordance with the 1970 Water Quality Improvement Act. In August 1973, the President delegated responsibility for issuing the Plan to the Council on Environmental Quality. The Plan was amended and updated in 1973, 1975 and 1976. In 1980 additional revisions were made to conform to the Clean Water Act Amendments of 1977. That such coordinated federal response capabilities were necessary was highlighted by several incidents, including the Argo Merchant spill of 7.5 million gallons of oil into Nantucket Bay in 1976 and again that year, a spill of 250,000 gallons of oil in Chesapeake Bay.³

The March 19, 1980 NCP established the organizational structure and the decision-making criteria for response at the scene of a release. It described federal responsibilities and state participation, requiring the National Response Center (NRC) to assist in

coordinating state and federal actions. A federal On-Scene Coordinator (OSC) was to be assisted by the National and Regional Response Teams (NRT and RRT, respectively), comprised of participating agency representatives. The 1980 NCP also required that prompt, accurate information be provided to the public in the event of a major pollution incident. The 1980 NCP also contained operational response procedures, including (1) discovery and notification; (2) evaluation and initiation of action; (3) containment and countermeasures; (4) cleanup, mitigation and disposal; and (5) documentation and cost recovery.

Major hazardous waste sites such as Love Canal were being discovered through the late 1970s, alarming the American public about unexpected and potentially health-threatening releases of hazardous materials. This concern catalyzed enactment of CERCLA, which expressly adopted the NCP. However, it would be two years before the NCP was revised to reflect CERCLA and the new procedures for responding to hazardous waste sites.

B. The 1982 NCP

With its new power to review the NCP, on March 12, 1982, EPA proposed adding Subpart F, to establish a new management system for conducting long- and short-term responses to hazardous substances at hazardous waste sites.⁴ Subpart F established seven phases: (1) discovery and notification; (2) preliminary assessment; (3) immediate removal activities; (4) evaluation and determination of appropriate responses; (5) planned removal activities; (6) remedial action; and (7) documentation and cost recovery.

Within the remedial process, EPA recognized and stressed the importance of flexibility based on site-specific circumstances:

Each release presents a unique situation because of its diverse characteristics. This diversity, along with the fact that there is limited experience in remedying releases, makes it imperative that flexibility be

preserved throughout the remedial planning process. The remedial response scheme established in § 300.67 [on remedial action] provides the lead agency with this important flexibility.⁷

EPA had already recognized that hazardous waste sites presented many uncertainties and technical challenges which are difficult to predict or fully understand in advance. In the 1982 NCP, EPA set the basic framework for site remediation approaches, nonetheless recognizing the need for flexibility in site-specific response actions and decision making.

The 1982 NCP addressed the new responsibilities and powers created by CERCLA.⁶ EPA believed that this version "ensure[d] that the Plan does not contain unnecessarily rigid or cumbersome provisions, or provisions that are beyond the statutory mandate."⁷ The regulations did not expand the national response organization and procedures set out in the 1980 NCP, nor did it expand upon the procedures for responding to oil discharges, because EPA perceived them to be efficient and effective. Rather, EPA focused on properly responding to releases at hazardous waste sites. Recognizing that its relevant experience was limited and that each hazardous waste site was unique, EPA still believed that it had developed "a methodology which would provide structured and reasoned decision-making while still allowing the flexibility to deal with unique and unforeseen characteristics,"⁸ found at each site.

C. The 1985 NCP

EPA's 1985 revisions attempted to address the specific types of actions that private parties should take to comply with the NCP. Indeed, the legislative history of the 1985 NCP provides significant insight into the purpose and meaning of some of the most critical components of the NCP. To make this clear, below we review the more significant 1985 proposed revisions and the changes made to them before final adoption.

1. The 1985 proposed revisions. In EPA's words, it revised the NCP in 1985 to "reflect experience gained over the past two years since the NCP was last revised."⁹ The major proposed revisions were to Subpart F, which governed responses to hazardous substances releases. EPA proposed to "streamline the response mechanisms; to ensure prompt, cost-effective response; to respond to issues raised in litigation pertaining to the current NCP; and to clarify responsibilities and authorities contained in the NCP."¹⁰

The first major category of the 1985 proposed NCP revisions involved the criteria for undertaking a removal action under CERCLA. EPA wanted to eliminate the 1982 distinction between "immediate" and "planned" removal actions because differentiating the two had led to delayed responses and consumed too many resources (both human and financial). EPA's original hope with the removal provisions had been to provide flexibility and thus effective use of Superfund monies. Since this benefit had not been realized, EPA proposed establishing a

single standard to be satisfied before removal actions could be authorized under the Plan. The single standard was to apply regardless of whether the site was listed on the National Priorities List (NPL).¹¹

Additionally, in the 1985 NCP, EPA proposed to specify appropriate removal responses in order to streamline the remedial response process. According to EPA, it did not intend to limit the lead agency in addressing other types of situations and again emphasized the need for site-specific flexibility and judgments.

Finally, EPA addressed compliance with other health and environmental laws. With this in mind, § 300.65(f) proposed that removal actions shall, *to the extent practicable*, attain or exceed applicable or relevant federal, public health or environmental standards.¹² EPA indicated that the reasons for any deviation should be specified in decision documents. Here again, EPA allowed for appropriate site-specific judgments.

The second major category of the proposed NCP revisions was designed to streamline the remedial process by defining the level of cleanup to be achieved. EPA proposed eliminating interim remedial measures (IRMs) as a distinct type of remedial activity and introduced the concept of "operable units" (OUs) which would codify the practice of phasing in remedial actions at complex sites.

Another revision to the 1982 remedial action section of the NCP clarified the term "cost-effective" in the context of remedy selection. A cost-effective remedial alternative was "which effectively mitigates or minimizes the threat to and provides adequate protection of public health, welfare, and the environment."¹³

Finally, the fourth 1985 revision category proposed to clarify roles and responsibilities of non-lead agency parties, including responsible parties. A new § 300.71 addressed the requirements of other parties carrying out response actions. It is here that EPA proposed, for the first time, that:

When a private party seeks to recover response costs from a responsible party under CERCLA § 107(a)(1-4)(B), that party must demonstrate that its response actions were *consistent with the NCP*. [States and the federal government must show that other actions were "not inconsistent" with the NCP.] To clarify what "consistent with the NCP" for this purpose means, § 300.71(a) has been added to the NCP.¹⁴

Specifically, § 300.71 stated that persons undertaking response actions must follow requirements described in § 300.65 on removal actions and § 300.68 on remedial actions. Further, the person must provide for an appropriate analysis of response alternatives and select a cost-effective response.

2. The 1985 final revisions. By the time the final rulemaking was promulgated on November 20, 1985, numerous changes had been made to the proposed rule. Throughout Subpart F, the word(s) "shall" or "shall, as appropriate" was substituted for the word "should" to clarify that certain requirements were mandatory and others were not. In its

EPA's 1985 revisions attempted to address the specific types of actions that private parties should take to comply with the NCP. Indeed, the legislative history of the 1985 NCP provides significant insight into the purpose and meaning of some of the most critical components of the NCP.

preamble to the promulgated 1985 NCP, EPA stated that several commenters had been confused about the requirements as they pertained to parties other than EPA, since the requirements were articulated in terms of a Fund-financed response. EPA had focused primarily on refining the process for its own actions at Superfund sites, not on private-party cost recovery actions. EPA added the important "as appropriate" phrase in numerous portions of the NCP, distinguishing between the necessary and the discretionary. This was EPA's simple way of injecting the need for site-specific judgments, especially for private-party response actions:

To be consistent with the NCP for the purpose of cost recovery under section 107 of CERCLA, non-Fund-financed responses must, *as appropriate*, address the full range of alternatives outlined in § 300.68(f), as well as comply with all other provisions of § 300.68(e) through (i). Such responses also must provide an opportunity for appropriate public comment.¹⁵

In its 1985 revisions, EPA's primary interest was in streamlining its own removal and remedial processes based on its experiences in the first few years of implementing the Superfund program. EPA was also beginning to recognize the importance of private-party responses in managing remediation throughout the universe of hazardous waste sites across the nation. In the revised § 300.71, EPA attempted to strike a balance, on one hand to establish a needed framework for private-party responses, and on the other to provide the flexibility which was also clearly needed to respond to varied and proliferating site-specific circumstances.

D. The 1988 Proposed Revisions

Another three years passed before EPA proposed the next series of revisions to the NCP. On December 21, 1988, EPA proposed to "implement regulatory changes necessitated by SARA [the Superfund Amendments and Reauthorization Act of 1986], as well as to clarify existing NCP language and to reorganize the NCP to coincide more accurately with the sequence of response actions."¹⁶ This proposal included a broad revision and restructuring of the NCP and clarification of roles and responsibilities of parties affected by a release. It was also intended to incorporate changes suggested by eight years of Superfund program implementation experience.

Some of the most significant proposed changes occurred in Subpart E (formerly Subpart F), governing hazardous substance response. This subpart revision not only took SARA into account, but restructured sections to more accurately reflect established response procedures. It also added an entirely new Subpart F to satisfy statutory mandates for state involvement in CERCLA response actions. A new proposed Subpart H consolidated existing language from various parts of the NCP into one section addressing participation in response actions by other parties. Finally, a new proposed Subpart I implemented statutory requirements to establish an administrative record of how response actions were selected for each CERCLA site.¹⁷

EPA reiterated its position that the primary purpose of CERCLA requires selecting remedies that protect human health and the environment. EPA explained the need for the magnitude of its proposed revisions as follows:

The variety of releases and threats encountered, however, makes it necessary that *specific response actions and cleanup levels be determined on a site-by-site basis*. Therefore, the function of the NCP is to delineate how such site-specific decisions on response actions will be made.¹⁸

Thus, in 1988 EPA proposed major revisions to the NCP sections governing removal actions, the remedial investigation/feasibility study (RI/FS), the selection of remedies, and participation by other parties.

Proposed new Subpart H—participation by other parties—listed the sections to be considered in order for actions to be consistent with the NCP. These sections included worker health and safety; documentation and cost recovery; determining the need for a Fund-financed action; permit requirements; identification of ARARs; reports of releases to the NRC; portions of the section on removal site evaluation; portions of the section on removal actions; remedial site evaluation; portions of the section on RI/FS and selection of remedy; and remedial design/remedial action (RD/RA) and operation and maintenance. The proposed rule also stated the necessity to provide an opportunity for public comment concerning selection of the response action.¹⁹

Again, EPA recognized the need for site-specific flexibility in the proposed rule, stating that "[T]he requirements...are to be complied with *where pertinent* to the particular response action."²⁰ EPA noted, however, that it would be the courts, not EPA, that determined what response costs parties would recover pursuant to section 107 of CERCLA. Nevertheless, EPA stated its obligation to explain when private-party actions were considered consistent with the NCP, particularly in light of confusing and conflicting judicial interpretations at that time. EPA also hoped to make successful cost recovery actions more probable so that other parties would be motivated to undertake response actions.

EPA also proposed to strike the requirement that response actions taken by governmental agencies be "not inconsistent with the NCP." EPA had defined such requirements in § 300.71(a)(2) of the 1985 NCP. In 1988 it stated its preference to allow that such a determination be made on a case-by-case basis.

By 1988 it was abundantly clear to EPA that the NCP needed to encourage private-party cleanups. Thousands of hazardous waste sites existed in the nation which would likely never get the attention of EPA or state agencies, but would nonetheless need to be remediated. When the proposed 1988 revisions were adopted in 1990, the NCP contained provisions for private-party cleanups that achieved this important EPA policy goal, and at the same time maintained an NCP consistency standard which prevented excessively costly, environmentally unsound or unnecessary cleanups by private parties.

Again, EPA recognized the need for site-specific flexibility in the proposed rule, stating that "[T]he requirements...are to be complied with where pertinent to the particular response action."²⁰

III. Main Elements of the 1990 NCP for Cost Recovery

A. The 1990 NCP

The NCP revisions proposed in 1988 were not finalized and promulgated by EPA until March 8, 1990, to become effective April 9, 1990. Finalization followed the review of 160 comments and four January 1989 public hearings. All existing subparts were revised and/or redesignated and several subparts were added.

In promulgating the 1990 NCP, EPA again restated its position vis-à-vis the process of remedy selection:

Today's regulation establishes a process that allows consideration and balancing of site-specific factors in remedy selection. EPA has used this type of decision-making process to select CERCLA remedial actions since the inception of the Superfund program... This approach relies on a process that examines site characteristics and alternative approaches for remediating site problems."²¹

EPA had received a diverse set of comments to the 1988 proposed revisions. Many of the comments specifically addressed the requirements pertaining to private-party response actions in anticipation of cost recovery actions. Among other things, comments centered around defining actions "consistent with the NCP" and "not inconsistent with the NCP."

"Consistency with the NCP" as EPA defined it drew many comments. The concern was that during litigation defendants would seize upon the NCP procedures as definitive criteria and would search for minor discrepancies to hinder cost recovery efforts. EPA responded that while it wanted to remove unnecessary obstacles from the cleanup process, it needed to develop a standard for encouraging only "CERCLA-quality" cleanups. But to alleviate this valid concern, EPA stated that private-party cleanups should be judged "as a whole" for "substantial compliance" to attain "CERCLA quality." EPA went on to state that it did not believe that:

"immaterial or insubstantial deviations from the detailed set of NCP provisions should serve to defeat a cost recovery action, whether federal or private... At the same time, EPA believes that given the variability of circumstances at Superfund sites, it is impossible to define all cases (or establish a fixed rule) for which non-compliance would be material."²²

The 1990 NCP clarified what EPA had begun in the 1985 version—to strike a balance between the need for a framework governing private-party responses and the need for flexibility to incorporate site-specific circumstances. The 1990 NCP both encourages private-party cleanups and acknowledges the need to avoid excessively costly, environmentally unsound or unnecessary cleanups.

B. Potentially Applicable Requirements of the 1990 NCP

The NCP provisions which potentially apply to private-party response actions are contained in Subpart H, § 300.700 and include: worker health and safety; documentation and cost recovery; determining the need for a Fund-financed action; permit requirements; identification of applicable and relevant and ARARs; reports of releases to the NRC; portions of the section on portions of the section on removal site evaluation; removal actions; remedial site evaluation; portions of the section on RI/FS and selection of remedy; RD/RA and operation and

maintenance, and public information and community relations. In defining "potentially applicable requirements," EPA again acknowledged the need for flexibility:

EPA's decision to require "substantial" compliance with potentially applicable requirements is based, in large part, on the recognition that providing a list of rigid requirements may serve to defeat cost recovery for meritorious cleanup actions based on a mere technical failure by the private party that has taken the response action... A substantial compliance test is appropriate as well in light of the difficulty of judging which potentially relevant NCP provisions must be met in any given case... [A]n omission based on lack of experience with the Superfund program should not be grounds for defeating an otherwise valid cost recovery action, assuming the omission does not affect the quality of the cleanup."²³

1. "CERCLA-Quality" Cleanup Criterion. In the preamble to the 1990 NCP, EPA explicitly defined CERCLA quality. "In order to achieve a "CERCLA-quality cleanup," the action must satisfy the three basic remedy selection criteria of CERCLA § 121(b)(1)—i.e., the remedial action must be "protective of human health and the environment," utilize "permanent solutions and alternative treatment technologies or resource recovery technologies to the maximum extent practicable," and be "cost-effective"—attain applicable and relevant and appropriate requirements (ARARs), "...and provide for meaningful public participation."²⁴

2. "Necessary Costs" Criterion. As stated in § 300.700 of the 1990 NCP, to recover response costs they must be shown to be necessary. Neither CERCLA nor the NCP provides a definition of "necessary" costs. Neither has EPA issued guidance on what constitutes necessary response costs.

The 1990 NCP is EPA's most current and complete expression of its policy on NCP consistency for private cost recovery actions. The 1990 NCP makes it clear that site-specific facts need to be taken into account to determine "applicable," "substantial compliance" and other factors in the evaluation of the response actions "as a whole."

IV. NCP-Related Disputes In Cost Recovery Litigation

Under CERCLA, certain categories of persons associated with contaminated facilities can be held jointly and severally liable for all investigation and remediation costs, which often run into millions or tens of millions of dollars. Potentially responsible parties (PRPs) often face liability for significant sums of money, with few available defenses. Not surprisingly, there has been substantial litigation concerning liabilities under CERCLA and private parties' potential defenses to CERCLA claims.

One "defense" asserted in most private cost recovery cases is the argument that plaintiff has failed to comply with the NCP. In truth, this is not really a defense against liability but rather an attempt to limit the costs to be recovered from otherwise liable parties. In most cases, a failure to comply with the NCP effectively defeats a plaintiff's claim for a significant portion of the costs incurred; and in some circumstances recovery is a completely barred. Thus, the "inconsistency with the NCP" defense has been the subject of considerable litigation and will continue to be an important issue in private cost recovery

actions. While it is not practical here to review all NCP-related cases, some of the most important relevant legal principles can be gleaned from a limited review, set forth below.

A. Which NCP Applies?

One of the most important issues in private cost recovery cases is: which NCP applies? This is particularly important in jurisdictions where a plaintiff must strictly comply with the pre-1990 versions of the NCP in order to recover costs from other parties.²³ If the 1990 revision applies, there is little doubt that a private plaintiff need to have only substantially complied with the NCP in order to obtain cost recovery.²⁴

Although there has been uncertainty in many jurisdictions concerning which NCP should be applied, the answer is now clear in certain parts of the country, including in the Ninth Circuit Court of Appeals. The law of the Ninth Circuit since 1986 has been: "The NCP regulations applicable are those in effect at the time response costs are incurred."^{27, 28} Under this rule, response costs incurred between July 16, 1982 (when the 1982 NCP became effective) and February 18, 1986 (when the 1985 NCP became effective) are subject to the 1982 NCP. Response costs incurred between February 19, 1986 and April 9, 1990 (the effective date of the 1990 NCP) are subject to the 1985 NCP. Finally, response costs incurred from April 10, 1990 to the present are subject to the 1990 NCP.

This rule of law can pose considerable difficulties in cases involving costs incurred prior to July 16, 1982, because before that the NCP dealt almost exclusively with oil spills, providing little guidance for responding to hazardous waste sites. One Ninth Circuit case involving response costs incurred prior to July 16, 1982 simply glossed over this problem by applying the 1982 NCP as "the national contingency plan in effect at the time."²⁹ Also, most cases today will involve little if any costs incurred prior to July 16, 1982.

This rule of law turns an already complex procedure—in which a mountain of site-specific facts are compared to the jargon-laden NCP—into a law clerk's nightmare. Pity the poor court adjudicating a case involving costs incurred over a period of three or four NCPs. The terms of all such NCPs would need to be studied and matched against the private party's conduct. In fact, this is not an uncommon occurrence. Given the complexities of hazardous waste site investigation and remediation, there are many situations in which response costs have been incurred over ten years or more.

Moreover, this rule of law is largely inconsistent with the regulatory history of the NCP. As discussed above, each iteration of the NCP has largely served to clarify the goals and purposes of the prior versions. The 1990 NCP was not intended to supersede and supplant the 1985 NCP, and the 1985 NCP was not a replacement for the 1982 NCP. "The comments that preceded the promulgation of the 1985 plan make it clear that the specifically enumerated criteria were intended to clarify, not alter, the factors to be considered in an agency's removal decision."³⁰ Similarly, in promulgating the 1990 NCP, EPA declared that it was not creating a new standard but instead had used the process identified in the 1990 NCP "since the inception of the Superfund program."³¹

Since the 1990 NCP is simply a clearer statement of what was intended in prior years, and for ease of judicial administration in most cases, the courts should not strictly look to the NCP in effect at the time

costs are incurred. Courts should instead apply a "substantial compliance" measure to all costs regardless of when they were incurred.³²

Such an approach is supported by Chief Judge Tauro's analysis in *Massachusetts v. Blackstone Valley Electric Co.*³³ In a case involving a cost recovery action by a governmental plaintiff, the court was asked to determine whether certain removal actions undertaken in 1984 were consistent with the NCP. This presented a problem because "[t]he 1982 plan does not specifically enumerate factors relevant to the removal decision." Under these circumstances, the court determined that it was "appropriate to consider the factors listed in the 1985 plan in reviewing the...choice of...response action." The court believed such an approach was appropriate because the 1985 NCP was intended "to clarify, not alter" the 1982 NCP.

B. Strict Compliance or Substantial Compliance?

Prior to 1990, there was significant confusion and discussion regarding whether the appropriate standard of compliance with the NCP must be "strict" or "substantial." Prior to the promulgation of the 1990 NCP, "[m]ost courts that...considered the showing necessary to prove consistency with the NCP...concluded either explicitly or implicitly that strict compliance with the NCP's standards and procedures is required."³⁴

The 1990 NCP ended some, but not all, of the debate. This revision clearly establishes the "substantial compliance" standard stating: "A private-party response action will be considered 'consistent with the NCP' if the action, when evaluated as a whole, is in substantial compliance with the applicable requirements in [the NCP] and results in a CERCLA-quality cleanup."³⁵ The 1990 NCP explains further that actions "will not be considered 'inconsistent with the NCP'...based on immaterial or insubstantial deviations from the provisions of [the NCP]."³⁶

Unfortunately, the 1990 NCP has not ended the debate about the standard to be applied for determining consistency with the 1982 and 1985 NCPs. In jurisdictions that follow the rule that consistency must be measured against the NCP in effect at the time the costs were incurred, a defendant can still claim that the 1985 NCP or the 1982 NCP requires "strict compliance."³⁷ The argument that the 1990 NCP was intended to, and did in fact, constitute a material departure from prior practice under the 1982 and 1985 NCPs. As explained more fully above, the 1990 NCP is primarily a clearer statement of what was intended in earlier versions of the NCP.

Moreover, as a matter of policy, it makes no sense to require private parties to meet one standard—strict compliance—for costs incurred prior to 1990 and to apply a different standard—substantial compliance—for costs incurred thereafter. On this issue, the Ninth Circuit Court of Appeals is correct, consistently holding that strict compliance with the NCP is not required, and that substantial compliance is the appropriate standard.³⁸

C. Burden of Pleading and Proof

Section 9607 of CERCLA distinguishes between costs incurred by a governmental entity and costs incurred by a private party. While the federal government, or a state or an Indian tribe, can recover costs "not inconsistent with the [NCP],"³⁹ private parties can recover costs

"consistent with the [NCP]."⁴⁰ Courts have construed these seemingly minor statutory differences to mean that costs incurred by governmental parties are presumed consistent with the NCP, but private parties must both plead and prove consistency with the NCP.⁴¹

D. Specific Fact Patterns and General Principles Emerging From the Cases

As a general proposition, disputes concerning compliance with the NCP are fact-intensive. Resolution usually involves a detailed analysis of factual issues, and this is as it should be. The NCP is designed to yield "CERCLA-quality cleanups" at each site, and factual—not legal—circumstances should be the predominant factors in determining compliance with the NCP.

In light of the fact-intensive nature of NCP compliance determinations, it is difficult (and inappropriate) to fashion a long list of sweeping general rules about what actions at any particular site do or do not comply with the NCP. While some bright line rules exist, they generally cannot be applied in any particular case without a thorough inquiry into the specific facts.⁴² Some general principles emerging from reported cases are set forth below.

1. Actions taken pursuant to an EPA Consent Decree or Order. One of the few bright line rules that emerge from the NCP-related case law is that actions taken by private parties pursuant to a court-approved Consent Decree with EPA or an EPA Order are presumed to be consistent with the NCP.⁴³ This rule makes sense because the existence of an EPA order or consent decree should normally eliminate the need for court concern that private parties are conducting self-serving and unnecessary cleanups.

2. Public participation. Another bright line rule is that failure to provide some opportunity for public participation in selecting remedial actions will constitute a failure to comply with the NCP. This rule is sometimes easier to state than to apply because the "opportunity" for public comment can be provided in a variety of ways, including public meetings conducted by state or local agencies.

The requirement that the public must be given an opportunity to comment on remedy selection is clearly set forth in the 1990 NCP. Section 300.71 of the 1990 NCP provides that a private party conducting remedial activities must:

provide [] for an opportunity for appropriate public comment concerning the selection of a remedial action consistent with 300.67.⁴⁴

Section 300.67 provides:

[F]easibility studies that outline alternative remedial measures must be provided to the public for review and comment for a period of not less than 21 calendar days. Such review and comment shall precede selection of the remedial response...⁴⁵

The lack of any opportunity for public comment is considered a material and substantial departure from the NCP. Many courts have so held, including various Courts of Appeal.⁴⁶

One such case is the Tenth Circuit Court of Appeals' decision in *County Line Investment Co. v. Tinney*,⁴⁷ in which the court affirmed a summary judgment granted in favor of the defendant. The Court of Appeals held that under either a "strict" or a "substantial" standard, the private-party plaintiffs failed to comply with the NCP because no opportunity of any type was provided for the public to provide input concerning the response actions undertaken by plaintiffs. This rendered the costs incurred "not recoverable under CERCLA section 107 as a matter of law."⁴⁸

The Sixth Circuit's decision in *Pearson Sand and Gravel, Inc. v. Pearson Township*,⁴⁹ is analytically similar to the Tenth Circuit's *County Line* decision, albeit with more complicated facts. In *Pearson*, the Sixth Circuit affirmed a summary judgment in favor of the defendant. The main issue in the case was whether the public participation component of the NCP was met. The Sixth Circuit decided that the two public meetings conducted by the pertinent state agency (the Michigan Department of Natural Resources) were insufficient to satisfy the NCP because the first meeting did not deal directly with remediation issues and the second meeting occurred after the remedy had already been selected. Thus, the court found that there was insufficient opportunity for public comment on the remedy and insufficient public participation in the remedial process. The plaintiff was not permitted to recover any of the costs it had incurred.

Another bright line rule is that failure to provide some opportunity for public participation in selecting remedial actions will constitute a failure to comply with the NCP.

Although some type of opportunity for public participation must be afforded under the NCP, some courts have decided that public agency involvement (with attendant hearings open to the public) can be a substitute for site-specific public meetings. For example, in *Louisiana Pacific Corp. v. ASARCO, Inc.*,⁵⁰ the Ninth Circuit Court of Appeals held that the six public meetings in which the cleanup plan was on the agenda satisfied the NCP provisions. The meetings and the agendas were well advertised and the cleanup plan study was made available to the public.

3. Failure to conduct an analysis of remedial alternatives. Section 300.68 of the 1990 NCP provides in part: An RI/FS [remedial investigation/feasibility study] shall, as appropriate, be undertaken...to determine the nature and extent of the threat presented by the release and to evaluate proposed remedies.⁵¹

Thus, the NCP generally requires preparation of an RI/FS that evaluates remedial alternatives. "As appropriate" suggests that in some circumstances the typical RI/FS associated with Superfund sites may not be necessary, or a more limited form of investigation may be "appropriate."

Similarly, § 300.68(e) provides:

[A party conducting a response action] will examine available information and determine...the type of response that may be needed to remedy the release. Initial analysis shall indicate the extent to which the release or threat of release may pose a threat to public health or welfare or the environment, indicate

the types of...remedial measures suitable to abate the threat, and set priorities for implementation of the measures...⁵²

In light of these provisions, it has been held that failure to complete an RI/FS defeats a claim of substantial compliance with the NCP.⁵³

4. Documentation. Section 300.69(c) of the 1990 NCP provides:

During all phases of response, documentation shall be collected and maintained to support all actions taken under this Plan, and to form the basis of cost recovery.

Courts have held that failure to adequately document response costs can lead to a determination of noncompliance with the NCP.⁵⁴

5. Cost-effective measures. The CERCLA-quality cleanup provision of the NCP requires that the response actions undertaken at each facility be cost-effective. If they are found to be not cost-effective, this can result in noncompliance with the NCP.⁵⁵

6. Compliance with ARARs. The NCP also requires compliance with all relevant and applicable regulations and permit requirements. Of course, there is no single list of which regulations may be "relevant" or "appropriate" when investigating and remediating a particular contaminated site, and this determination must be made on a case-by-case basis, acknowledging site-specific circumstances.⁵⁶

7. The big picture. Sometimes it is easier to identify actions that will *not* be consistent with the NCP than it is to identify what constitutes "substantial compliance." In the Ninth Circuit Court of Appeals' decision in *Washington State Dep't of Transp. v. Washington Natural Gas Co.*,⁵⁷ the Washington State Department of Transportation (WSDOT) was found to not have complied with the NCP and was prohibited from recovering over \$4.5 million in response costs. The costs were incurred during construction of a highway project, in which WSDOT discovered the remnants of a coal gasification operation in the excavated

soil, including polycyclic aromatic hydrocarbons (PAH) from coal tar and oily silt and sand. WSDOT removed 15,900 tons of coal tar and 26,450 tons of oily silt and sand, but failed to comply with a number of applicable NCP provisions. The court rejected WSDOT's argument that its actions substantially complied with the NCP, citing the following facts:

- WSDOT failed to provide an opportunity for public review and comment of the alternative measures considered.
- WSDOT's environmental consultant failed to determine either the nature or extent of the environmental threat caused by the contamination.
- WSDOT's environmental consultant failed to test the soil in accordance with standard protocol for environmental investigations, relying instead upon geotechnical borings and, as a result, mischaracterized the material as "hazardous."
- WSDOT failed to develop a detailed analysis of alternative courses of action (apparently the state agency "informally" considered alternatives).
- WSDOT failed to screen the alternative courses of action using the various criteria in the NCP (there was no discussion of alternatives in the consultant's report).
- WSDOT failed to document the elimination of the various alternative courses of action.
- Once it became clear that the original estimate of the tarry material was drastically low, WSDOT failed to reconsider the available remedial alternatives.
- WSDOT was not even aware that the NCP existed; and
- WSDOT's environmental consultant had never implemented the NCP in any prior remedial action.

The court stated, "[l]ooking at the situation as a whole, we have no difficulty concluding that WSDOT's actions were inconsistent with the NCP." Accordingly, WSDOT was not entitled to recover \$4.5 million in response costs.

E. Are Investigative or Other Costs Recoverable Irrespective of NCP Compliance?

The NCP identifies the general processes to follow in conducting removal or remedial actions at contaminated sites. However, it does not discuss how a private party should go about conducting a preliminary site investigation to determine if contamination is present. In light of this absence (or perhaps because some courts have thought it inequitable to deny recovery of all response costs where a private party has deviated from the NCP), several courts "have directly held that consistency with the NCP is not a precondition to recovery of preliminary investigatory and monitoring costs."⁵⁸ For example, Judge Lasker, in *Carlyle Piermont Corp. v. Federal Paper Board Co., Inc.*, denied defendants' motion for partial summary judgment concerning the response costs incurred by plaintiffs in excavating removing contaminated soil, but granted plaintiff's cross-motion for summary judgment concerning plaintiff's recovery of initial investigatory and monitoring costs. The court held that "liability for such costs may be granted irrespective of the NCP."⁵⁹

However, other courts have not been so generous. In several cases a plaintiff who has failed to comply with the NCP was not allowed to recover any costs.⁶⁰ In some such cases, it is not clear that the plaintiffs asserted entitlement to recover investigative costs separate from costs associated with removal or remedial actions. In cost recovery actions involving a "consistency with the NCP" defense, plaintiffs would be well advised to not only assert compliance with the NCP but also to argue, as a fall back position, that inconsistency with the NCP will prohibit recovery of only a limited subset of all costs.

F. Is NCP Consistency Required to Recover Cleanup Costs Under State Superfund Statutes?

Many states have enacted legislation addressing hazardous waste site investigation, remediation and cost recovery. Many such laws are patterned after CERCLA. An example of such a statute is California's Hazardous Substance Account Act (HSAA), sometimes referred to as the California Superfund Law. The HSAA contains many of CERCLA's features, including the right of a private party to recover costs incurred in addressing contaminated sites: "Any person who has incurred removal or remedial action costs in accordance with this chapter or the federal act [CERCLA] may seek contribution or indemnity from any person who is liable pursuant to this chapter..."⁶¹ This cost recovery provision, unlike § 9613(f) of CERCLA, makes no mention of the NCP.

One reasonable interpretation of this statute is that a person may recover costs that were incurred in accordance with CERCLA (meaning costs that are consistent with the NCP) or costs that were incurred in accordance with the HSAA (regardless of whether such costs were incurred consistent with the NCP). In this interpretation, a private-party plaintiff could recover costs by compliance with HSAA alone, with not being required to comply with the NCP. This interpretation is supported by the fact that the HSAA was enacted after CERCLA and the state legislature could easily have stated a "consistency with the NCP" requirement if it had so intended since the NCP was mentioned in other parts of the HSAA. The legislature seems to have made a conscious decision not to include an NCP consistency requirement in the cost recovery section of the statute.

Three other sections of the HSAA specifically refer to the NCP. First, § 25350 addresses the types of actions that may be funded by the state legislature. It states:

[f]or response actions taken pursuant to the federal act, only those costs for actions which are consistent with...the national contingency plan...shall qualify for appropriation by the Legislature and expenditure by the director pursuant to § 25351, § 25352 and § 25354. For response actions not taken pursuant to the federal act or for response actions taken which are not specifically addressed by the priorities, guidelines, criteria, and regulations contained in the national contingency plan...the costs thereof shall also qualify for appropriation by the Legislature...provided they are to the maximum extent possible, consistent with the priorities, guidelines, criteria, and regulations contained in the national contingency plan for similar releases, situations or events.

Section 25356.1(d) addresses the preparation of remediation action plans. It states: "[a]ll remedial action plans prepared or approved pursuant to this section shall be based upon § 25350, Subpart [F] of the [NCP]..." Finally, § 25357.5(b) provides: "If the court finds that the selection of the response action was not in accordance with the law, the

court shall award only the response costs or damages that are not inconsistent with the NCP...and any other relief that is consistent with the NCP."

Although these sections mention the NCP, § 25350 and § 25356.1(d) are directed at limiting the costs that will be approved by the legislature and do not concern cost recovery actions by private parties. Similarly, § 25357.5(b) is not applicable to all private cost recovery actions but instead is limited to those situations where "the court finds that the selection of the response actions was not in accordance with the law"⁶² (meaning, presumably, not in accordance with the HSAA).

Nevertheless, one might argue that these multiple references to the NCP reflect a general legislative intent to limit the scope of recovery under the HSAA to those costs that are consistent with the NCP. In particular, § 25357.5(b) closely tracks the wording of § 9607(a)(4) of CERCLA. The presence of three separate NCP provisions is arguably a strong indicator that the legislature intended to require compliance with the NCP in general, including with respect to private cost recovery actions commenced pursuant to § 25363.

At the time this article was being prepared, the authors were unaware of any published case law addressing whether costs may be recovered under CERCLA-like state statutes where such costs were not incurred consistent with the NCP. Whether private-party plaintiffs that fail to comply with the NCP will nevertheless be able to recover costs under state statutes

appears to be an open question.

V. Conclusion

The fundamental purpose of the NCP is to produce "CERCLA-quality" cleanups involving response actions that are necessary, cost-effective, environmentally sound, and selected after an appropriate opportunity for public input. Each of these factors should be evaluated in light of site-specific conditions and experience obtained from other sites.

Unfortunately, compliance with the NCP has been perceived by several courts and many private parties to mean strict adherence to a long checklist of activities no matter how costly or irrelevant. Such an approach does not necessarily or even typically lead to "CERCLA-quality" cleanups. Instead, it leads to "CERCLA-quantity" cleanups (very few) and "CERCLA-quantity" delays (long). A private party that sets out to strictly comply with every aspect of the NCP, independent of site-specific factors, will inevitably spend far more time and money on the process than is necessary.

The NCP was never intended to stifle flexibility and creativity. Courts must continue to be vigilant to protect against excessively costly, unnecessary and environmentally unsound cleanups. But the balancing process that is inherent in every determination of NCP consistency should include substantial deference to qualitative goals and purposes of the NCP.

In cost recovery actions involving a "consistency with the NCP" defense, plaintiffs would be well advised to not only assert compliance with the NCP but also to argue, as a fall back position, that inconsistency with the NCP will prohibit recovery of only a limited subset of all costs.

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- 1 42 U.S.C. § 9607(a)(4)(B).
- 2 See, e.g., *Washington State Department of Transportation v. Washington Natural Gas Company*, 59 F.3d 793 (9th Cir. 1995) (cleanup costs of \$4.5 million were not recoverable based upon failure to comply with the NCP).
- 3 45 Fed. Reg. 17832-17833, March 18, 1990.
- 4 The 1982 proposed revision to the NCP also added new Subpart G, which designated and assigned responsibilities to federal trustees in the event that natural resources are damaged, and new Subpart H, which continued the requirement for case-by-case authorization to use chemical dispersants for use in response actions.
- 5 47 Fed. Reg. 10977-10978, March 12, 1982.
- 6 CERCLA provided that actions taken in response to releases of hazardous substances be in accordance with the revised NCP to the greatest extent possible.
- 7 47 Fed. Reg. 31180, July 16, 1982.
- 8 47 Fed. Reg. 31184, July 16, 1982, p. 7.
- 9 50 Fed. Reg. 5862, February 12, 1985.
- 10 50 Fed. Reg. 5862, February 12, 1985. As in the 1982 NCP, EPA did not believe that it was necessary to modify the national response structure. Rather, EPA "left the response structure in tact so that the proven national and regional response mechanisms may continue to be used for response actions under CERCLA and the CWA". 50 Fed. Reg. 5862-5863, February 12, 1985.
- 11 50 Fed. Reg. 5863, February 12, 1985.
- 12 50 Fed. Reg. 5864, February 12, 1985.
- 13 50 Fed. Reg. 5866, February 12, 1985.
- 14 50 Fed. Reg. 5870, February 12, 1985 (emphasis in original).
- 15 50 Fed. Reg. 47935, November 20, 1985 (emphasis added).
- 16 53 Fed. Reg. 51394, December 21, 1988.
- 17 This paper does not discuss changes to the organization and responsibilities sections of the NCP. See 53 Fed. Reg. 51400-51403 for such changes. Rather, this paper focuses upon the substantial revisions made to the sections of the NCP affecting cost recovery efforts by private parties.
- 18 53 Fed. Reg. 51404, December 21, 1988 (emphasis added).
- 19 53 Fed. Reg. 5151 3-51514, December 21, 1988.
- 20 53 Fed. Reg. 51462, December 21, 1988 (emphasis added).
- 21 55 Fed. Reg. 8700, March 8, 1990.
- 22 55 Fed. Reg. 8794, March 8, 1990 (emphasis in original).
- 23 55 Fed. Reg. 8793, March 8, 1990.

24 55 Fed. Reg. 8793, March 8, 1990.

25 See, e.g., *Amland Properties Corp. v. Aluminum Co.*, 711 F. Supp. 784, 796-97 (D.N.J. 1989); *Versatile Metals, Inc. v. Union Corp.*, 693 F. Supp. 1563, 1579-83 (E.D. Pa. 1988); *Artesian Water Co. v. New Castle County*, 659 F. Supp. 1269, 1291-97 (D. Del. 1987), *aff'd*, 851 F.2d 643 (3d Cir. 1988). See also text accompanying notes 34-38 *infra*.

26 55 Fed. Reg. 8794 (March 8, 1990) (preamble to the 1990 NCP).

27 *Louisiana-Pacific Corp. v. ASARCO, Inc.*, 24 F.3d 1565 n. 7 (9th Cir. 1994). See also *Massachusetts v. Blackstone Valley Electric Co.*, 867 F. Supp. 78, 80 n.3 (D. Mass. 1994) ("the court finds that 1985 plan should be applied only to cleanup costs incurred after the newer plans became effective").

28 See, e.g., *Wickland Oil Terminals v. ASARCO, Inc.*, 792 F.2d 887, 891 (9th Cir. 1986); *NL Industries v. Kaplan*, 792 F.2d 896, 898 (9th Cir. 1986).

29 *Wickland*, 792 F.2d at 891.

30 *Massachusetts v. Blackstone Valley Electric Co.*, 867 F. Supp. 78 (D. Mass. 1994).

31 55 Fed. Reg. 8700, March 8, 1990.

32 *Tri-County Business Campus Joint Venture v. Clow Corporation*, 792 F. Supp. 984, 990 (E.D. Pa. 1992), quoting *Con-Tech Sales v. Cockerham*, 1991 U.S. Dist. LEXIS 14624 (E.D. Pa. 1991).

33 867 F. Supp. 78 (D. Mass. 1994).

34 *County Line Investment Co. v. Wagco Land Development, Inc.*, 933 F.2d 1508, 1512 (10th Cir. 1991) citing *Amland Properties Corp. v. Aluminum Co.*, 711 F. Supp. 784, 796-97 (D.N.J. 1989); *Versatile Metals, Inc. v. Union Corp.*, 693 F. Supp. 1563, 1579-83 (E.D. Pa. 1988); *Artesian Water Co. v. New Castle County*, 659 F. Supp. 1269, 1291-97 (D. Del. 1987), *aff'd*, 851 F.2d 643 (3d Cir. 1988).

35 40 C.F.R. § 300.700(c)(3)(i).

36 40 C.F.R. § 300.700(c)(4).

37 This issue was presented in *County Line Investment Co. v. Wagco Land Development, Inc.*, 973 F.2d 1508, 1513 (10th Cir. 1991), but the court found it unnecessary to decide it.

38 See, e.g., *Louisiana-Pacific Corp.*, 24 F.3d 1565; *Wickland*, 792 F.2d at 891; *NL Industries*, 792 F.2d at 898-99.

39 42 U.S.C. § 9607(a)(4)(A).

40 42 U.S.C. § 9607(a)(4)(B).

41 See *3550 Stevens Creek Assoc. v. Barclays Bank*, 915 F.2d 1355 (9th Cir. 1990); *Ascon Properties, Inc. v. Mobil Oil Co.*, 866 F.2d 1149, 1152 (9th Cir. 1989).

42 This does not mean that NCP consistency issues can never be resolved by summary judgment motions. In some circumstances, the facts relevant to NCP consistency—such as whether an opportunity for public comment occurred and whether any sort of "alternatives analysis" was conducted—will be undisputed, and NCP consistency can be determined as a matter of law after the factual record is developed and presented to the court.

43 *U.S. v. Western Processing Co.*, 34 Env't Rep. Cas. (BNA) 1174 (W.D. Wash. 1991) (involves costs incurred to comply with a consent decree); *Bancamerica Commercial Corp. v. Trinity Industries, Inc.*, 900 F. Supp. 1427 (D. Kan. 1995) (presumes consistency with the NCP for action taken pursuant to an EPA order).

44 40 C.F.R. § 300.71. There is a built-in flexibility even in this bright line rule that some sort of opportunity must be afforded to the public to comment on remedial action selections. The regulation refers to "appropriate" public comment, implying that different circumstances may require different types of opportunities for public comment.

45 40 C.F.R. § 300.67.

46 See, e.g., *Sherwin-Williams Co. v. City of Hamtramck*, 840 F. Supp. 470, 476-78 (E.D. Mich. 1993); *Channel Master Satellite Sys., Inc. v. JFD Elec. Corp.*, 748 F. Supp. 373, 389-90 (E.D.N.C. 1990); *County Line Inv. Co. v. Timney*, 933 F.2d 1508, 1514-15 (10th Cir. 1991); *Gussin Enters., Inc. v. Rockola*, 36 Env't Rep. Cas. (BNA) 1903, 1907 (N.D. Ill. 1993).

47 933 F.2d 1508 (10th Cir. 1991).

48 *Id.* at 1514.

49 32 Chemical Waste Litigation Reporter 533 (August 1996), affirming *Pierson Sand & Gravel, Inc. v. Pierson Township*, 851 F. Supp. 850, 856-58 (W.D. Mich. 1994) (finding failure to substantially comply with NCP where only two public hearings held with no discussion of response action alternatives).

50 6 F.3d 1332, 1341 (9th Cir. 1993), *amended*, 13 F.3d 1378, *superseded by*, 24 F.3d 1565 (9th Cir. 1994), *cert. denied*, 115 S. Ct. 780 (1995).

51 40 C.F.R. § 300.68(d).

52 40 C.F.R. § 300.68(e)(1).

53 See, e.g., *Sherwin-Williams Co. v. City of Hamtramck*, 840 F. Supp. 470, 478 (E.D. Mich. 1993); *Channel Master Satellite Sys., Inc. v. JFD Elec. Corp.*, 748 F. Supp. 373, 389 (E.D.N.C. 1990).

54 See, e.g., *U.S. v. American Cyanamid Co.*, 786 F. Supp. 152, 160-61 (D.R.I. 1992).

55 See, e.g., *U.S. v. Amreco, Inc.*, 846 F. Supp. 1578, 1583, *amended in part*, 858 F. Supp. 1189 (N.D. Ga. 1994).

56 See, e.g., *Artesian Water Co. v. New Castle County*, 659 F. Supp. 1269, 1296-97 (D.Del. 1987) *aff'd*, 851 F.2d 643 (3d Cir. 1988).

57 59 F.3d 793 (9th Cir. 1995).

58 *Carlyle Piermont Corporation v. Federal Paper Board Co., Inc.*, 742 F. Supp. 814, 821 (S.D.N.Y. 1990), referring to *Amland Properties Corp. v. Aluminum Co. of America*, 711 F. Supp. 784, 795 (D.N.J. 1989) and *Artesian Water Co. v. Government of New Castle County*, 659 F. Supp. 1269, 1294 (D. Del. 1987), *aff'd*, 851 F.2d 643 (3d Cir. 1988).

59 *Id.*

60 See, e.g., *Washington State Dept of Transportation v. Washington Natural Gas Co.*, 59 F.3d 793 (9th Cir. 1995); *Pierson Sand & Gravel, Inc. v. Pierson Township*, 32 Chemical Waste Litigation Reporter 533 (August 1996), *affirming*, 851 F. Supp. 850, 856-58 (W.D. Mich. 1994); *County Line Investment Co. v. Wagco Land Development, Inc.*, 933 F.2d 1508, 1515 (10th Cir. 1991).

61 California Health & Safety Code § 29363.

62 The phrase "not in accordance with the law" cannot reasonably be interpreted to mean "not in accordance with CERCLA" because the statute would then be interpreted to mean "if the court finds the selection of response actions was not in accordance with the NCP, the Court shall award only the response costs or damages that are not inconsistent with the NCP."